

BULLETIN 11698

12000

MODEL 28 automatic

SEND-RECEIVE SET (ASR)





BULLETIN 11698

PARTS

MODEL 28 automatic

SEND-RECEIVE SET (ASR)



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PERFORATOR Typing	LPE1, 2, 3, 4 [YPE1, 3, 4				
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MOTOR	LMU3, 12, 14, 29, 39				
CABINET	LAAC200**, 201**, 202**, 205**, 206**, 207**, 209**, 210**, 213**, 214**, 219**, 222**, 223**, 225**, 226**, 229**, 230**, 231**, 233**, 234**, 235**, 236**, 237**, 241**				
COVER With Perforator	LBPC200**				
ELECTRICAL SERVICE UNIT	LESUIT, 13, 15, 21, 22, 25, 28, 29, 32, 33, 35, 36, 37, 40, 44, 47, 49, 53, 56, 57, 50, 61, 66, 68, 69, 70, 79, 82, 83, 94, 98				

		Finish:	Finish Suffixes					
Color	Wrinkle	Smooth	Textured Vinyl	Smooth				
Black	AA (37)	88						
Dark Brown	AD (38)		5					
Gray Green	A8 (40)	3K	GA (45)					
Charcoal Gray	AL	82		HA.				
Derk Gisy			G8					
Light Gray		EJ	25-14	HB				
Seige Gray			GC					
Light Reige		EL		HC				
Moss Green		EN		HD				
Eye Rest Green		EA						
Turquoise		.EV						
Aquu Blue		EK						
Brussals Light Blue		EC						
Med, Blue		25						
Cherry Red		EF						
Postel Yellow		EG						
White		EH						
lyary		EM						
Belge		ET						
Kose Beige		ER	4					
Rose Pink		EU	,					
Dark Covert Gray			1	HE				
Light Olive Gray		EW		HF (46)				
Fawn				HG				

TELETYPE TO BELL SYSTEM CODE REFERENCE CHART

	CODES-DESCRIPTIONS	BELL SYSTEM
	(Teletype)	CODES
	ALITOMATIC SEND-RECEIVE CABINET	1 0000
	, LAAC235**	28F**
AAC209**	, LAAC236**	28G**
AAC230**	(Includes LFXD Transmitter Distributor Housing)	28LA**
AAC233**		28H**
	TRANSMITTER DISTRIBUTOR HOUSING	
	Modification Kit (LCXC) Transmitter Distributor	288**
	Modification Kit (LAXD Transmitter Distributor)	78C**
	Modification Kit (DKD Transcritter Distributor)	28E**, 28H**
50888++	Modification Kir (LNXD Transmitter Distributor)	28F**, 28G**
6 terbera i	ALTOMATIC SEND-RECEIVE KEYBOARD WITH PERFORATOR	
AK23TJ	Keyboard plus LPS2 Perforator (Perforator Transmitter Base)	284
A KAARP	Keyboard plus (PEI Perforator (Perforator Transmitter Base)	263
AK4AIEP	Keyhoure plus LPR33ARC Reperforator (Perforator Transmitter flase)	280
AK4ARP	Keyboard plus LTPE3ARC Perforator (Perforator Transmitter Bose)	28E
AKAARP	Keyboard plus 1.RPEA Reperference (Perforator Temperature Bose)	28F
AKIGARC AKIGARC	Keyboard plus LPE3 Perforator (Perforator Transmitter Base)	28G
AK20BRY	Keyboard plus LARPSO1 Reperforator (Perforator Transmitter Base)	28G-1
AK27BRX	Keyboard plus LPE4 Perforator (Perforator Transmitter Base)	28LA
AK39BRX	Keyboard plus LPE3 Perforator (Perforator Transmitter Base)	26-
AK40BRX	Keyboard plus LPED Perfurator (Perforator Transmitter Base)	28.1
A K20BRV	Knyhogad plus LARPSO Repertorator (Perforator Transmitter Base)	291-1
AK4ARP	Knyhoons plus LPR56BRM Reportoror (Portorotor Transmitter Base)	28LA
	Property of the second	28K
	TRANSMITTER DISTRIBUTOR BASE	
	d with LCXD) Transmitter Distributor)	288
CX33 (see	d with IAXD3 Transmitter Distributor)	2BC
	d with LXD3 Transmitter Disreibutor)	28E
	d with LBXDG Transmitter Distributor)	2BF
	d with LXD4 Transmitter Distributor)	28H
affilia of the star of	N. Land of Paragraph 19 and 19	
CXB9 (we	d with LBXD7 Transmitter Distributor)	28G
CX88 + F0	8 (vied with LXD15 Transmitter Olstributer)	28G 28H-1
CX88 + LC CX810 + L	08 (used with LXD15 Transmitter Distributor) D6 (used with LXD3 Transmitter Distributor)	28G 28H-I 28E-)
CX810 + LC CX810 + L	08 (used with LXD15 Transmitter Obstributer) D6 (used with LXD3 Transmitter Obstributer) D5 (used with LXD3 Transmitter Obstributer)	28G 28H-H 28E-1 28E-2
CX810 + LC CX810 + L CX810 + L	08 (used with LXD15 Transmitter Distributor) D6 (used with LXD3 Transmitter Distributor) D5 (used with LXD3 Transmitter Distributor) ed with LXD5 Transmitter Distributor)	28G 28H-H 28E-1 23E-2 28H-2
CX810 + LC CX810 + L CX810 + L	08 (used with LXD15 Transmitter Obstributer) D6 (used with LXD3 Transmitter Distributer) D5 (used with LXD3 Transmitter Distributer) ad with LXD5 Transmitter Distributer) ad with LXD5 Transmitter Distributer)	28G 28H-H 28E-1 28E-2
CX810 + LC CX810 + L CX810 + L	08 (used with LXD15 Transmitter Distributor) D6 (used with LXD3 Transmitter Distributor) D5 (used with LXD3 Transmitter Distributor) ed with LXD5 Transmitter Distributor) ed with LXD18 Transmitter Distributor) ELECTRICAL SERVICE UNIT	28G 28H-H 28E-1 23E-2 28H-2 28H-3
CX810 + L0 CX810 + L CX810 + L CX816 (us CX817 (us	28 (used with LXD15 Transmitter Distributor) D6 (used with LXD3 Transmitter Distributor) D5 (used with LXD3 Transmitter Distributor) ed with LXD5 Transmitter Distributor) ed with LXD18 Transmitter Distributor) ELECTRICAL SERVICE UNIT	28G 28H-H 28E-1 28E-2 28H-2 28H-3
CX88 + L3 CXB10 + L CXB10 + L CXB10 + L CXB10 (wa CXB17 (wa CXB17 (wa E5U11)	28 (used with LXD15 Transmitter Distributor) D5 (used with LXD3 Transmitter Distributor) D5 (used with LXD3 Transmitter Distributor) ed with LXD5 Transmitter Distributor) ed with LXD18 Transmitter Distributor) ELECTRICAL SERVICE UNIT 29C LESU56 LESU57	28G 28H-H 28E-1 23E-2 28H-2 28H-3
CX88 + LO CX810 / Lo CX817 / Lo C	28 (used with LXD15 Transmitter Distributor) D5 (used with LXD3 Transmitter Distributor) D5 (used with LXD3 Transmitter Distributor) ed with LXD5 Transmitter Distributor) ed with LXD18 Transmitter Distributor) ELECTRICAL SERVICE UNIT 29C LESU56 LESU57 LESU56	28G 28H-H 28E-1 23E-2 28H-2 28H-3 28LA 28LB 28L
CX88 + L3 CXB10 + L CXB10 + L CXB16 (us CXB17 fus CXB17 fus ESU13 ESU13 ESU13 ESU27	28 (used with LXD15 Transmitter Distributor) D5 (used with LXD3 Transmitter Distributor) Ed with LXD3 Transmitter Distributor) ed with LXD5 Transmitter Distributor) ELECTRICAL SERVICE UNIT 28C 28F 28G 28K LESU55 LESU55 LESU55	28G 28H-I 28E-I 28E-2 28H-2 28H-3 28LB 28LB 28L 28LB
CX88 + L3 CXB10 + L3 CXB10 + L3 CXB16 (us CXB17 (us CXB17 (us ESU13 ESU13 ESU27 ESU22	28 (used with LXD15 Transmitter Distributor) D6 (used with LXD3 Transmitter Distributor) D5 (used with LXD3 Transmitter Distributor) ed with LXD5 Transmitter Distributor) ed with LXD18 Transmitter Distributor) 28C 28F 28F 29G LESU56 LESU57 LESU56 28K LESU52 28H	28G 28H-I 28E-I 28E-2 28H-2 28H-3 28LA 28LB 28L 28P 28P=1
CX88 + L3 CX810 + L3 CX810 + L3 CX810 (us) CX817 (us) CX818 + L3 CX810 + L3 C	28 (used with LXD15 Transmitter Distributor) D6 (used with LXD3 Transmitter Distributor) D5 (used with LXD3 Transmitter Distributor) ed with LXD5 Transmitter Distributor) ed with LXD18 Transmitter Distributor) 28C	20G 28H-I 28E-I 28E-2 28H-2 28H-3 28LA 28LB 28L 28L 28P 28P=1 28R
CX88 + L3 CXB10 + L3 CXB10 + L3 CXB10 + L3 CXB10 (was CXB17 (was CXB10 + L3 C	28 (used with LXD15 Transmitter Distributor) D5 (used with LXD3 Transmitter Distributor) ad with LXD3 Transmitter Distributor) ad with LXD18 Transmitter Distributor) ELECTRICAL SERVICE UNIT 28C 28F 28F 28G 28K LESU83 LESU83 LESU83 LESU83 LESU83	28G 28H-I 28E-I 28E-2 28H-2 28H-3 28LA 28LB 28L 28P 28P=1
CX88 + L3 CX810 + L3 CX810 + L3 CX810 + L3 CX817 fus CX817 fus E5U13 E5U13 E5U27 E5U27 E5U32 E5U33 E5U35	08 (used with LXD) Transmitter Distributor) D6 (used with LXD) Transmitter Distributor) ad with LXD3 Transmitter Distributor) ad with LXD18 Transmitter Distributor) ad with LXD18 Transmitter Distributor) 28C	20G 28H-I 28E-I 28E-2 28H-2 28H-3 28LA 28LB 28L 28L 28P 28P=1 28R
CX88 + L3 CX810 + L3 CX810 + L3 CX810 + L3 CX817 fus CX817 fus CX817 fus CX817 fus CX817 fus CX817 fus CX818 fus CX8	D6 (used with LXD)5 Transmitter Distributor) D5 (used with LXD3 Transmitter Distributor) ed with LXD3 Transmitter Distributor) ed with LXD18 Transmitter Distributor) ed with LXD18 Transmitter Distributor) 29C	20G 28H-I 28E-I 28E-2 28H-2 28H-3 28LA 28LB 28L 28L 28P 28P=1 28R
CX88 + L3 CX810 + L3 CX810 + L3 CX810 + L3 CX817 fus CX817 fus CX817 fus CX817 fus CX813 ESU13 ESU13 ESU32 ESU32 ESU33 ESU35 ESU36 MU3 (Syni MU12 (Syni MU12 (Syni	28 (used with LXD3 Transmitter Distributor) D5 (used with LXD3 Transmitter Distributor) ad with LXD3 Transmitter Distributor) ed with LXD18 Transmitter Distributor) 29C 28F 28F 29G 28K 28H 28H 28J 28J 28J 28J 28J 28G-1 Chronous Motor) AMOTOR UNIT	28G 28H-I 28E-I 28E-2 28H-2 28H-3 28LA 28LB 28L 28P 28P-1 28R 28S
CX88 + L3 CX810 + L3 CX810 + L3 CX810 + L3 CX817 fus CX817 fus CX817 fus CX817 fus CX813 ESU13 ESU13 ESU27 ESU32 ESU32 ESU33 ESU35 ESU35 ESU36 MU12 (Syn MU14 (Ge	28 (used with LXD15 Transmitter Distributor) D5 (used with LXD3 Transmitter Distributor) ad with LXD3 Transmitter Distributor) ad with LXD18 Transmitter Distributor) ad with LXD18 Transmitter Distributor) 28C	28G 28H-I 28E-I 28E-2 28H-2 28H-3 28LB 28LB 28L 28P 28P=1 28R 28S
CX88 + L3 CX810 + L3 CX810 + L3 CX810 + L3 CX817 fus CX817 fus CX817 fus CX817 fus CX813 ESU13 ESU13 ESU27 ESU32 ESU32 ESU33 ESU35 ESU35 ESU36 MU12 (Syn MU14 (Ge	28 (used with LXD3 Transmitter Distributor) D5 (used with LXD3 Transmitter Distributor) ad with LXD3 Transmitter Distributor) ad with LXD3 Transmitter Distributor) ad with LXD18 Transmitter Distributor) 28C	28G 28H-I 28E-I 28E-2 28H-2 28H-3 28LB 28LB 28L 28P 28P=1 28R 28S
CX88 + L3 CX810 + L3 C	28 (used with LXD3 Transmitter Distributor) D5 (used with LXD3 Transmitter Distributor) ad with LXD3 Transmitter Distributor) ad with LXD3 Transmitter Distributor) ad with LXD18 Transmitter Distributor) 29C	28G 28H-I 28E-I 28E-2 28H-2 28H-3 28LA 28LB 28L 28P 28P=1 28R 28S
CX88 + L3 CX810 + L3 C	28 (used with LXD3 Transmitter Distributor) D5 (used with LXD3 Transmitter Distributor) ad with LXD3 Transmitter Distributor) ad with LXD3 Transmitter Distributor) ad with LXD18 Transmitter Distributor) 29C	28G 28H-I 28E-I 28E-I 28E-2 28H-2 28H-3 28LB 28LB 28L 28P 28P=1 28P 28P=1 28A 28C 28D
CX88 + L3 CX810 + L3 C	08 (used with LXD15 Transmitter Distributor) D5 (used with LXD3 Transmitter Distributor) ad with LXD3 Transmitter Distributor) ad with LXD18 Transmitter Distributor) ad with LXD18 Transmitter Distributor) 28C 28F 28F 29G 28K 28H 28J 28J 28J 28J 28J 28J 28J 28J 28G-1 Chronous Motor) Instrument Motor Moto	28G 28H-I 28E-1 23E-2 28H-2 28H-3 28LA 28LB 28L 28P 28P-1 28R 28S 28S
CX88 + L3 CX810 + L3 C	28 (used with LXD3 Transmitter Distributor) D5 (used with LXD3 Transmitter Distributor) ad with LXD3 Transmitter Distributor) ad with LXD4 Transmitter Distributor) ad with LXD48 Transmitter Distributor) 28C 28F 28F 29G 28K 28H 28H 28J 28J 28J 28J 28J 28J 28J 28J 28G-1 Chronous Micror) chronous Micror) methronous Micror (Micror) methronous Micror (Micror	28G 28H-I 28E-I 28E-2 28H-2 28H-3 28LA 28LB 28L 28P 28P=1 28R 28S
CX88 + L3 CX810 + L3 C	28 (used with LXD3 Transmitter Distributor) D5 (used with LXD3 Transmitter Distributor) ed with LXD3 Transmitter Distributor) ed with LXD3 Transmitter Distributor) ed with LXD18 Transmitter Distributor) 28C	28G 28H-I 28E-1 23E-2 28H-2 28H-3 28LA 28LB 28LB 28P-1 28P-1 28R 28S 28S
CX88 + L3 CX810 + L3 C	08 (used with LXD3 Transmitter Distributor) D5 (used with LXD3 Transmitter Distributor) ad with LXD3 Transmitter Distributor) ad with LXD3 Transmitter Distributor) ad with LXD18 Transmitter Distributor) ad with LXD18 Transmitter Obstributor) 28C 28F 28F 28G 28K 28H 28J 28J 28J 28J 28J 28J 28J 28J 28G-1 Chronous Micror) achronous Mic	28G 28H-I 28E-1 23E-2 28H-2 28H-3 28LA 28LB 28L 28P 28P-1 28R 28S 28S
CX88 + L3 CX810 + L3 C	28 (used with LXD3 Transmitter Distributor) D5 (used with LXD3 Transmitter Distributor) ad with LXD3 Transmitter Distributor) ad with LXD3 Transmitter Distributor) ad with LXD18 Transmitter Distributor) ad with LXD18 Transmitter Ohtributor) 28C	28G 28H-I 28E-1 23E-2 28H-2 28H-3 28LA 28LB 28LB 28P-1 28P-1 28R 28S 28S
CX88 + L3 CX810 + L3 C	08 (used with LXD3 Transmitter Distributor) D5 (used with LXD3 Transmitter Distributor) ad with LXD3 Transmitter Distributor) ad with LXD3 Transmitter Distributor) ad with LXD18 Transmitter Distributor) ad with LXD18 Transmitter Obstributor) 28C 28F 28F 28G 28K 28H 28J 28J 28J 28J 28J 28J 28J 28J 28G-1 Chronous Micror) achronous Mic	28G 28H-I 28E-1 23E-2 28H-2 28H-3 28LA 28LB 28LB 28P-1 28P-1 28R 28S 28S

BELL SYSTEM ONLY

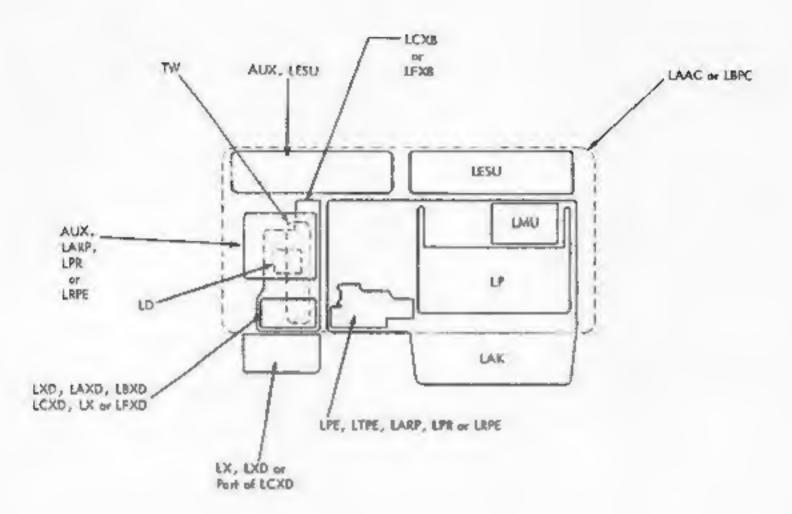
When ordering parts from this but letter, profix number with the letters TP.

The MODEL 28 AUTOMATIC SEND-RECEIVE SET (ASR)

is made up of a group of basic component units in various combinations. These include a keyboard, page printer, perforator (typing or non-typing), reperforator (typing or non-typing), transmitter distributor, transmitter distributor base, electrical service unt, console cabinet or cover and motor unit. The chart lists the bulletins covering the components of the ASR set: (P) parts order, (A & L) adjustments and lubrication and (D & T) description and principles of operation. (Balt System - refer to standardized A & L information).

	CODES-DESCRIPTIONS		BULLETIN		
BASIC UNITS	CODES-DESCRIPTIONS	P	DAT	SA	
PAGE PRINTER	LP Typing Unit	11498	2168	2178	
KEYBOARD	EAK Automotic Send-Receive Keyboard Bose	\$169B	249B	2505	
	LPE Non-Typing Perforator	11698	2498	250B	
	LTPE Typing Parforator	11698	2498	250B	
PERFORATOR OR	LRPE Non-Typing Reperforator	11728	2558	256B	
REPERFORATOR	LPR Typing Reperforator	11678	2468	2478	
	LARP Multi-Magnet Reperforator	1 1668	2445	2458	
2145	LFXB Transmitter Distributor Base	11828			
BASE	LCX8 Transmitter Distributor Base	11698	2498	2508	
COVER	LBPC "Skin Tight" Automotic Send-Receive Cores	11598		2178	
TRANSMITTER	LX Transmitter	11618		2358	
	LXD Fixed Head, Single Contact Transmitter Distributor	11618	258B	2358	
	LAXD Pivoted Head, Multi-Contact Transmitter Distributor	1170B	2518	2528	
TRANSMITTER	LBXD Fixed Head, Multi-Contact Transmitter Distributor	11658	2428	2438	
DISTRIBUTOR	LCXD Fixed Head and Plyored Head, Multi-Contact Transmitter Distributor	11718	2538	2548	
	LFXD Tape Pull Back Transmitter Distributor				
DISTRIBUTOR	LD Multiple Wire Distributor	11598	2348	2348	
MOTOR	LMU Motor Unit	11698	2498	2508	
ELECTRICAL SERVICE UNIT	LESU Electrical Service Unit	11698	249B	250	
CABINET	LAAC Automotic Send-Receive Cobinet	11698	2498	2508	
KEYTOP WITH LEVER	I Mucipo, Leothic, Long Leothic Scule Pollegs				
(For gean used with the LARP, LPR or LRPE see appropriate bulletin)	 164583 60 W.P.M. (Includes 161293 Gear Set for LAK Keyboard and 158029 Gear Set for LCX8 Base) 164584 75 W.P.M. (Includes 161294 Gear Set for LAK Keyboard and 158028 Gear Set for LCX8 Base) 	11698		2.501	
	 \$64585 100 W.P.M. (Includes 161295 Gear Set for LAK Keyboard and 158027 Gear Set for LCXB Base) 				

[#] Parts ordering information for these components is covered in this bulletin.



NOTES:

- Installation instructions covering a typical ASR set = see specification 58735.
- Tope winder see bulletin 10758 for parts ordering information and specification 58845 for adjustments and lubrication.
- Maintenance tools see bulletin 11265 for ordering information.
- Paper winder see builtein 11298 for parts ordering information and specification 51485 for installation and adjustments.
- Codomet see bulletin 11818 for ports ordering information.

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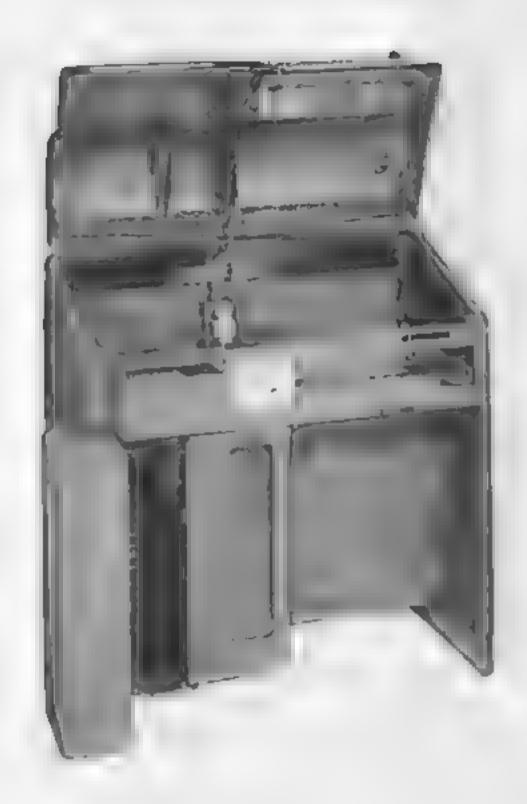
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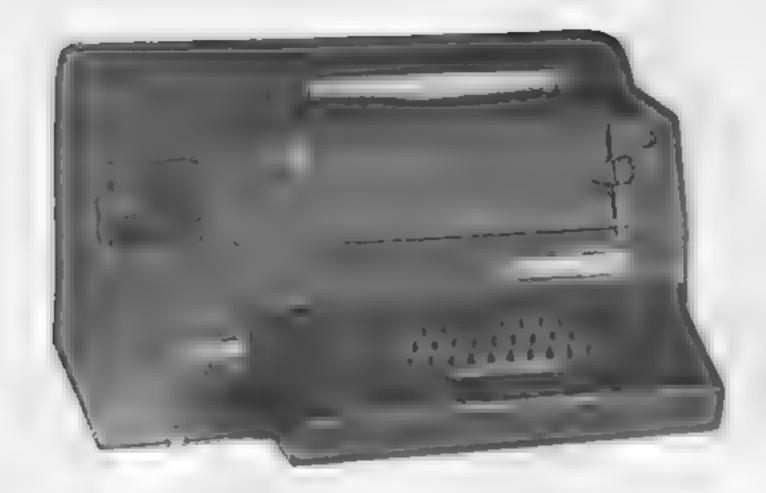
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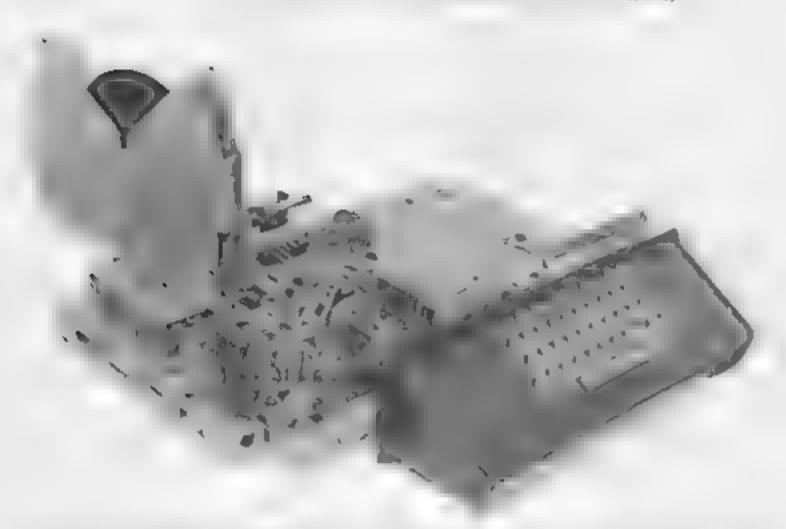
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MODEL 28 AUTOMATIC SEND-RECEIVE CABINET (LAAC)



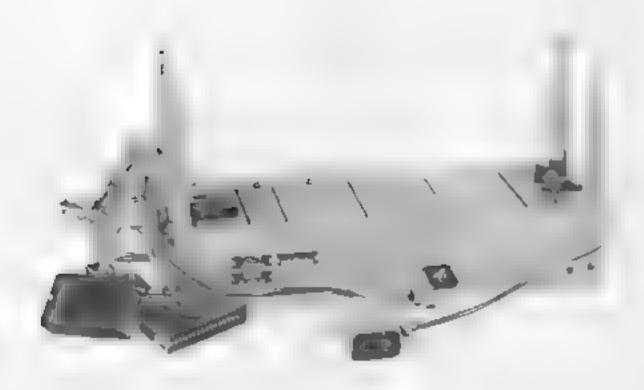
MODEL 28 AUTOMATIC SEND RECEIVE KEYBOARD BASE (LAK) WITH TYPING PERFORATOR LTPE) AND COVER (LBPC)



MODEL 28 AUTOMATIC SEND-RECEIVE KEYBOARD BASE (LAK WITH PERFORATOR (LPE)



MODEL 28 TRANSMITTER DISTRIBUTOR BASE (LCX8)



MODEL 28 ELECTRICAL SERVICE UNIT (LESU)

SECTION 1

AUTOMATIC SEND-RECEIVE KEYBOARD (LAK)

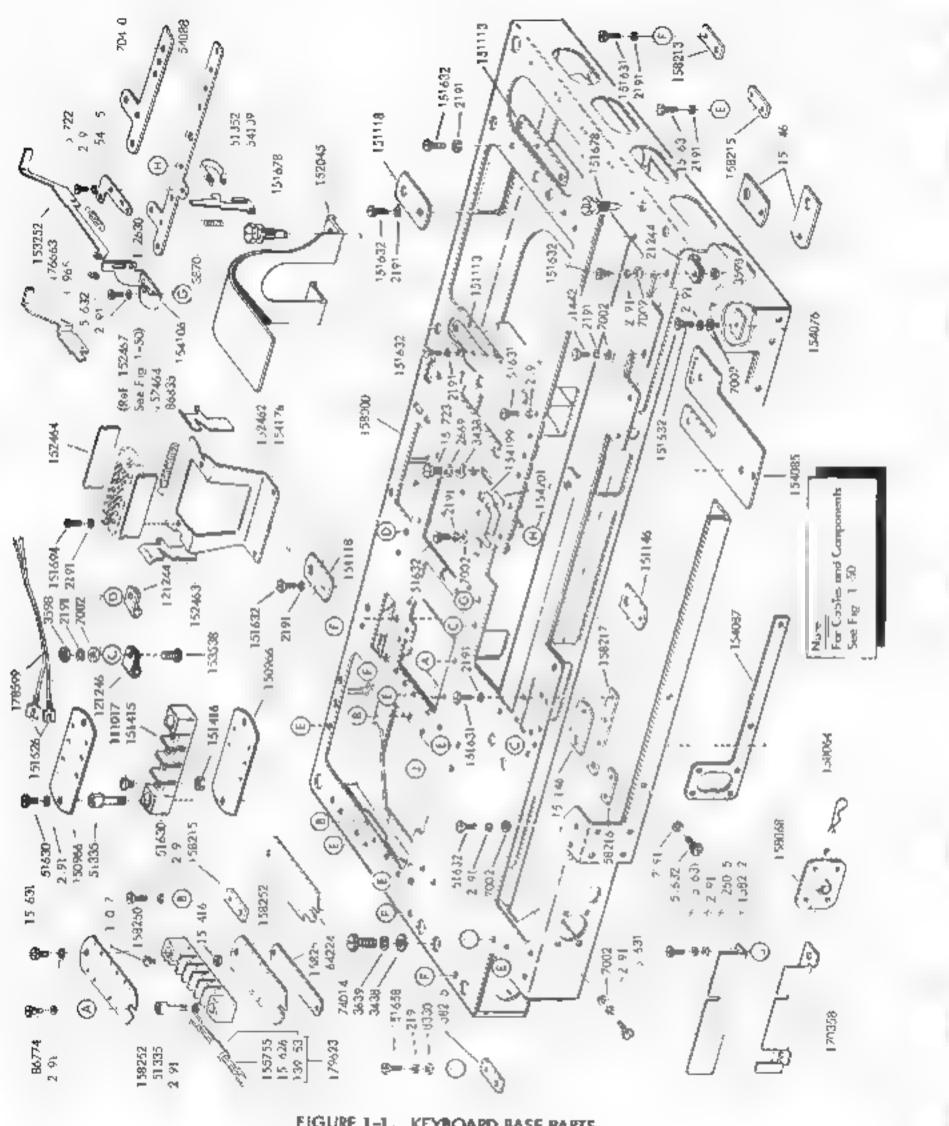


FIGURE 1-1. **KEYBOARD BASE PARTS**

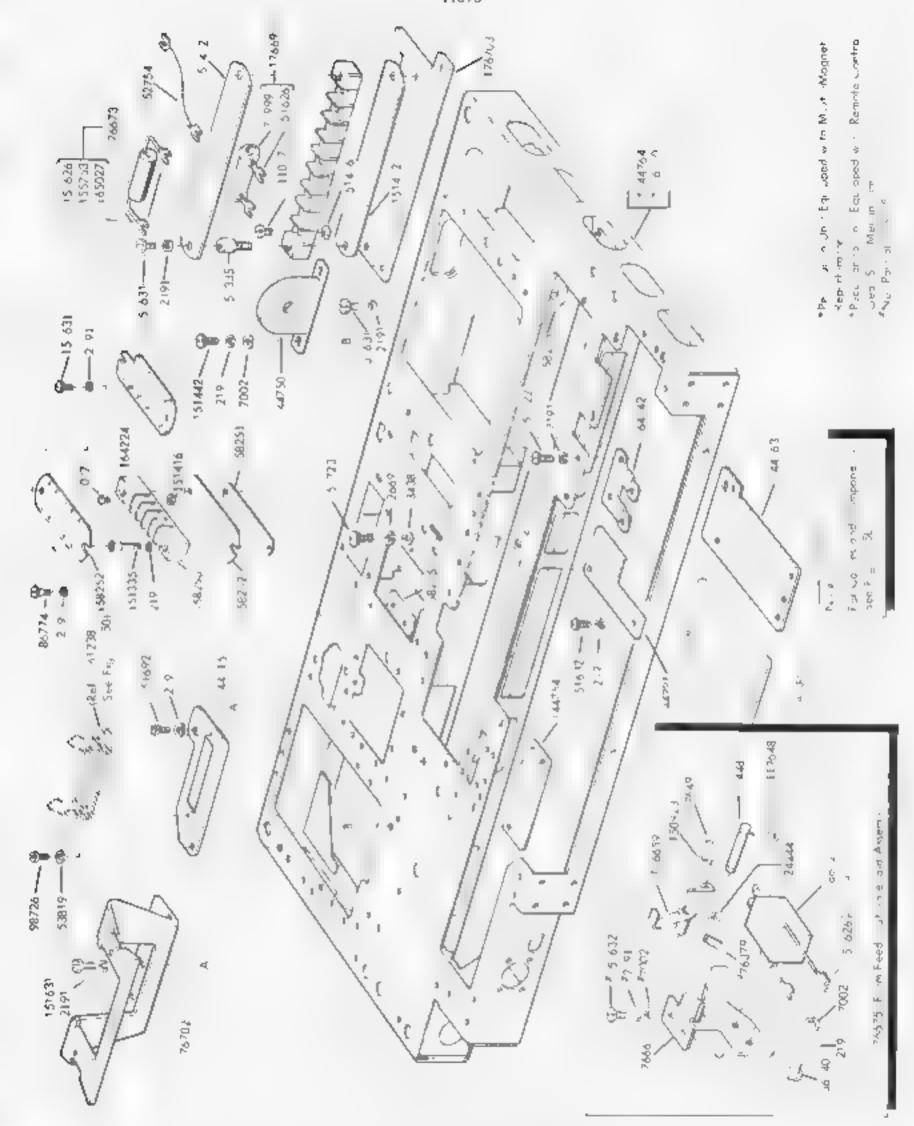
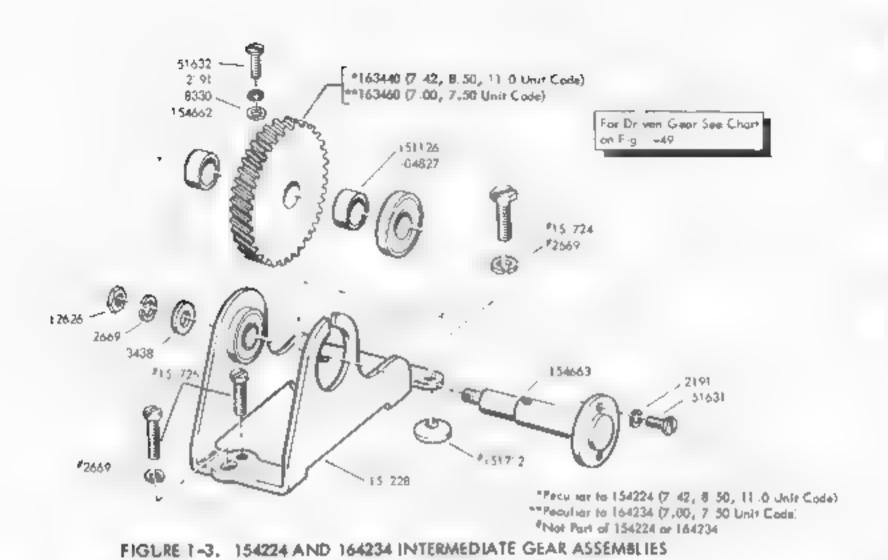


FIGURE 1-2. KEYBOARD BASE PARTS



15' 633-1,500 *73776 *2669 21 9 5 724 *** 12569

FIGURE 1-4. 144770 INTERMEDIATE GEAR ASSEMBLY (NOISE REDUCTION)

- *144769

~ 8330

Z. 9.

*Not Part of 144770

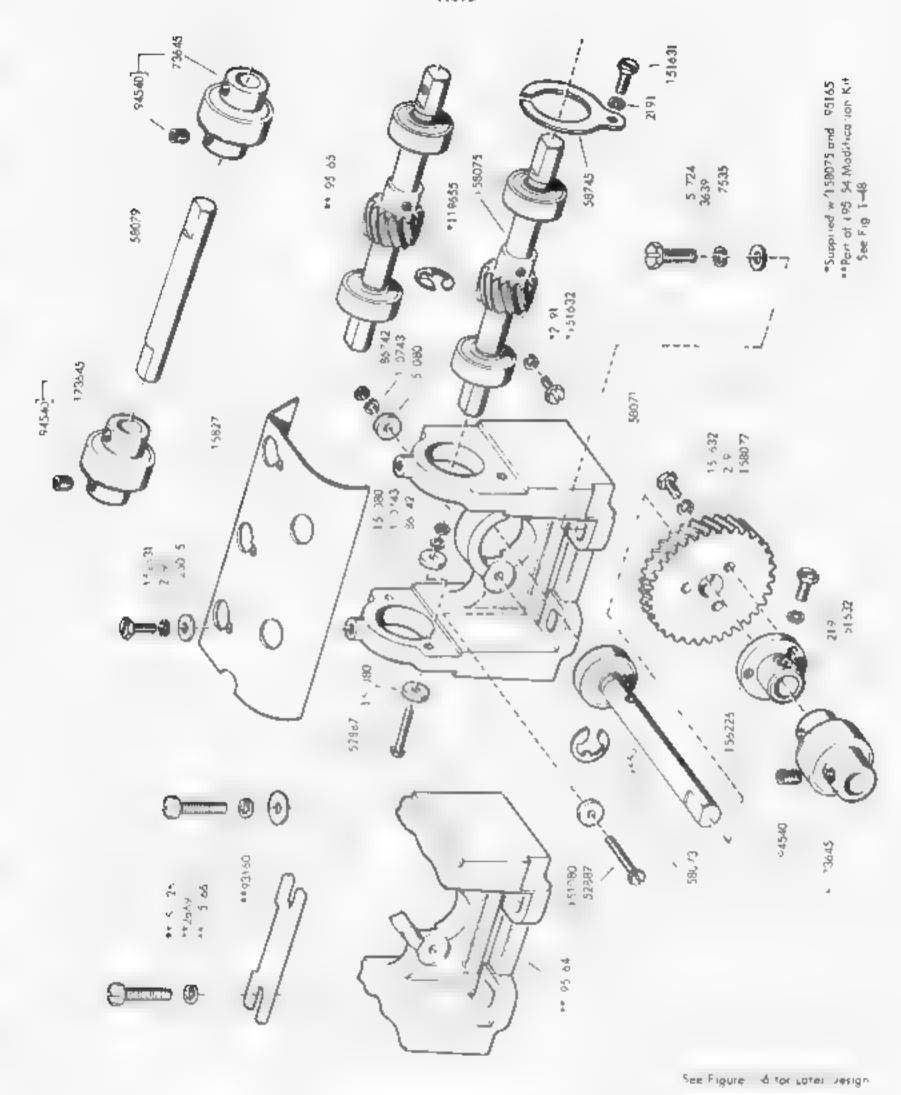


FIGURE 1-5. BEARING BRACKET MECHANISM (EARLY DESIGN)

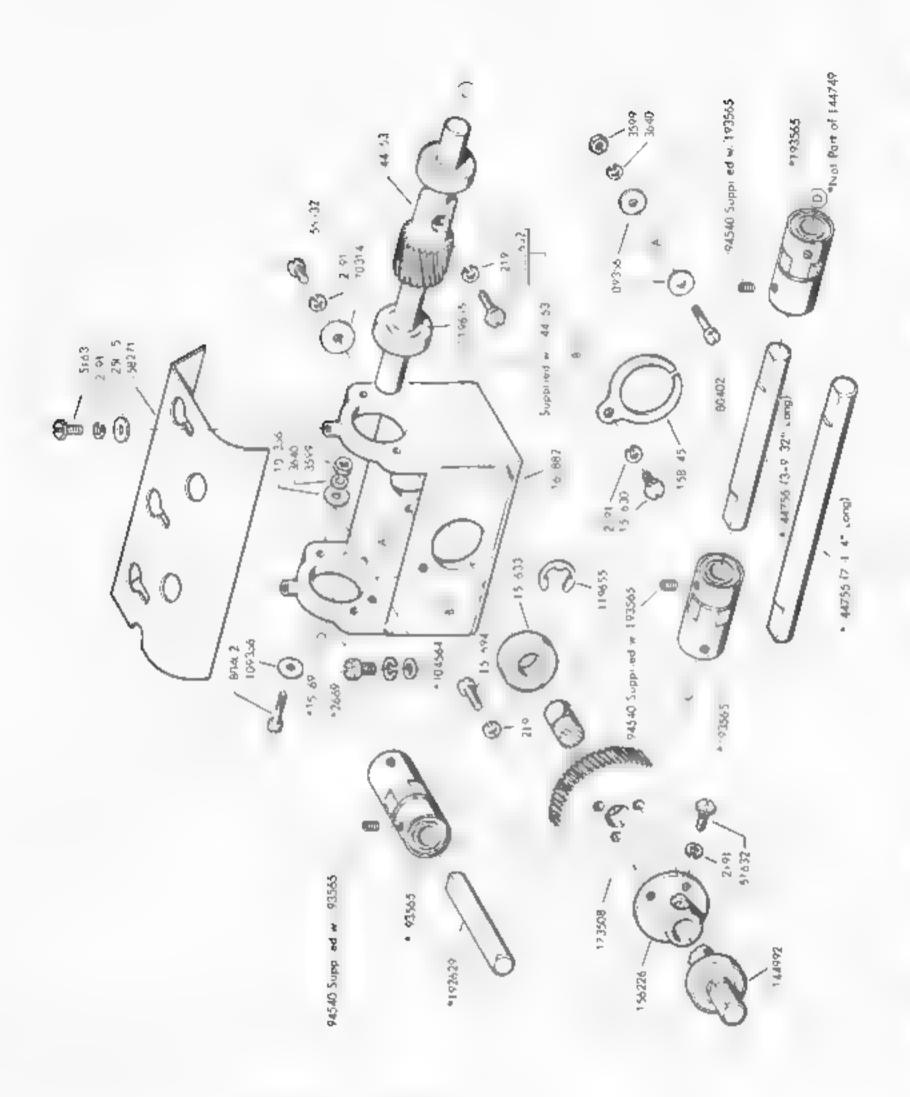


FIGURE 1-6 144749 BEARING BRACKET ASSEMBLY

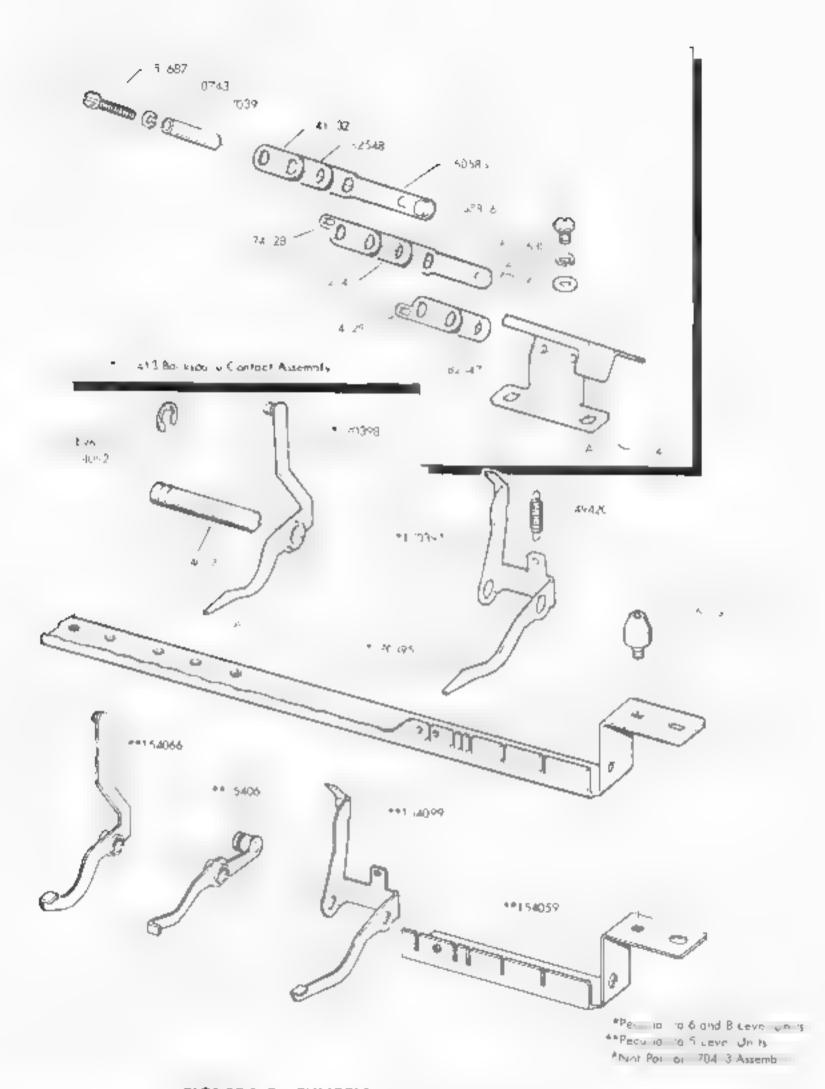


FIGURE 1-7. FUNCTION BAIL MECHANISM

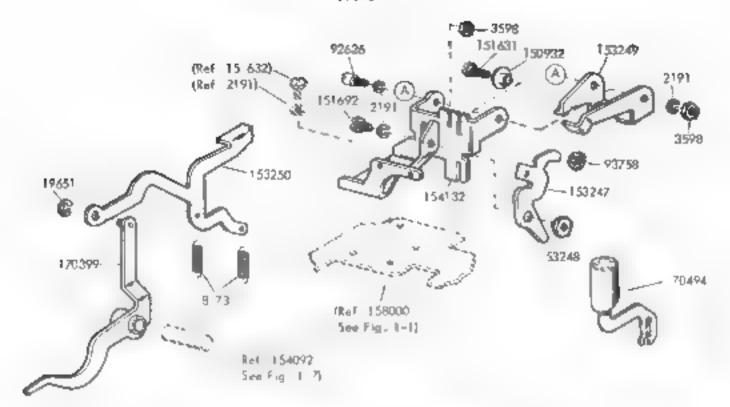


FIGURE 1-8. LOCAL REVERSE LINE FEED MECHANISM (8 LEVEL)

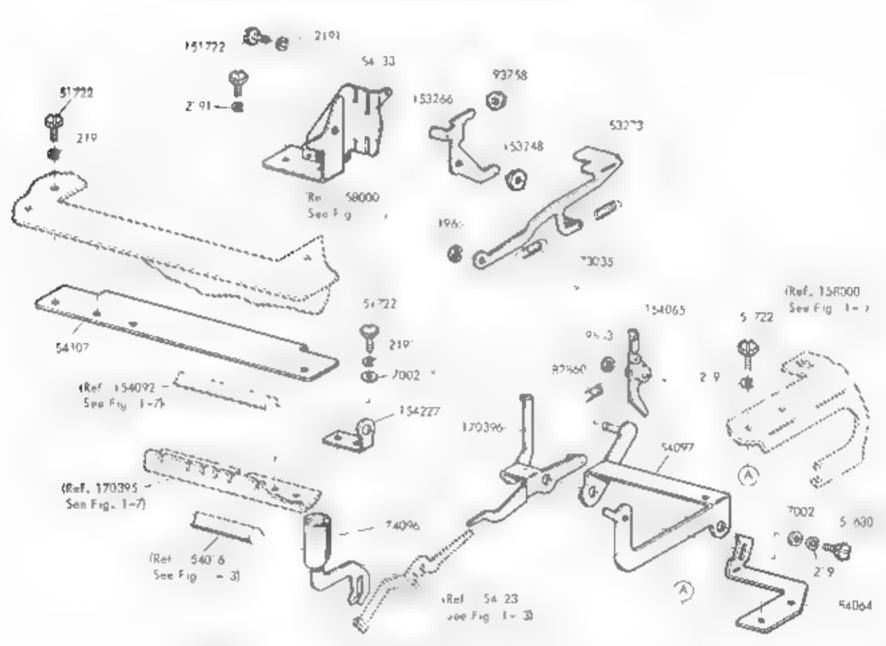


FIGURE 1-9. LOCAL BACKSPACE MECHANISM (6 AND 8 LEVEL)

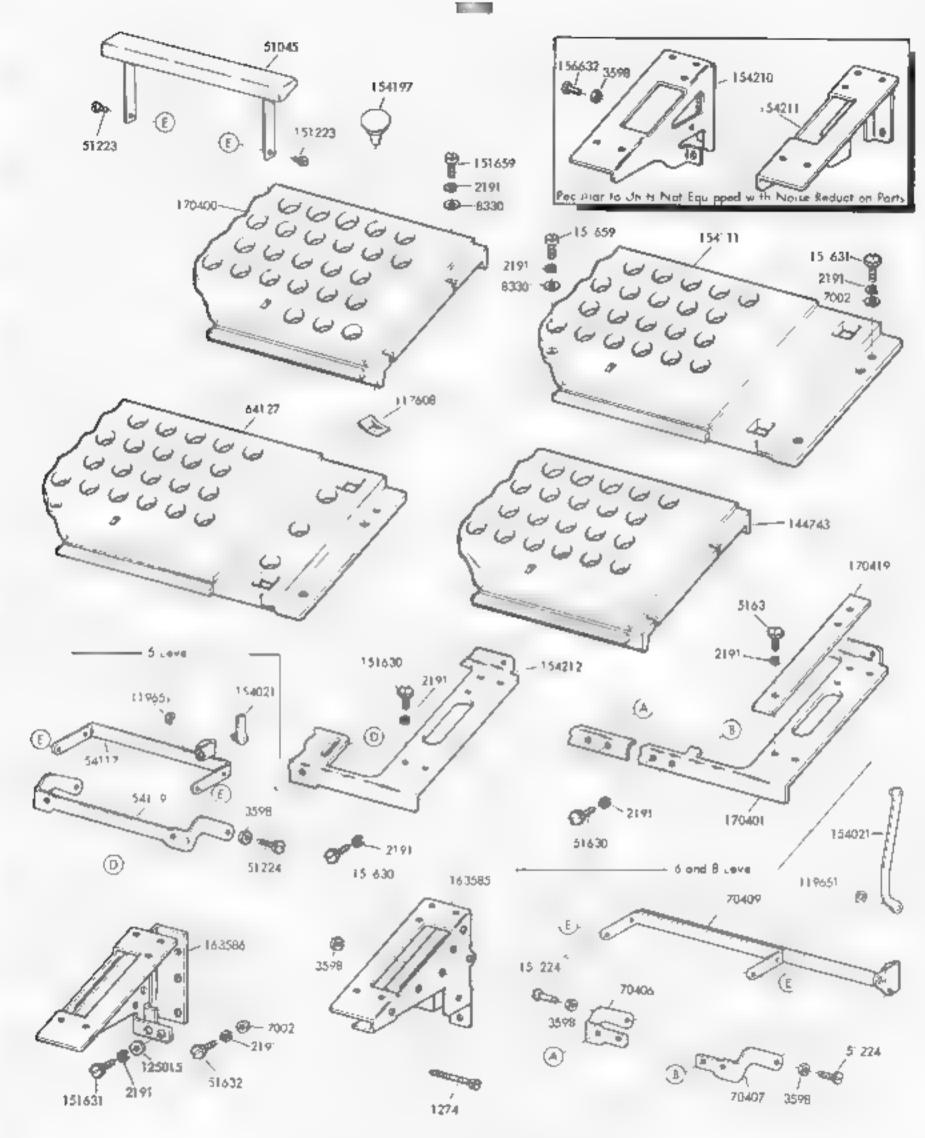


FIGURE 1-10 KEYLEVER GUIDE PLATES

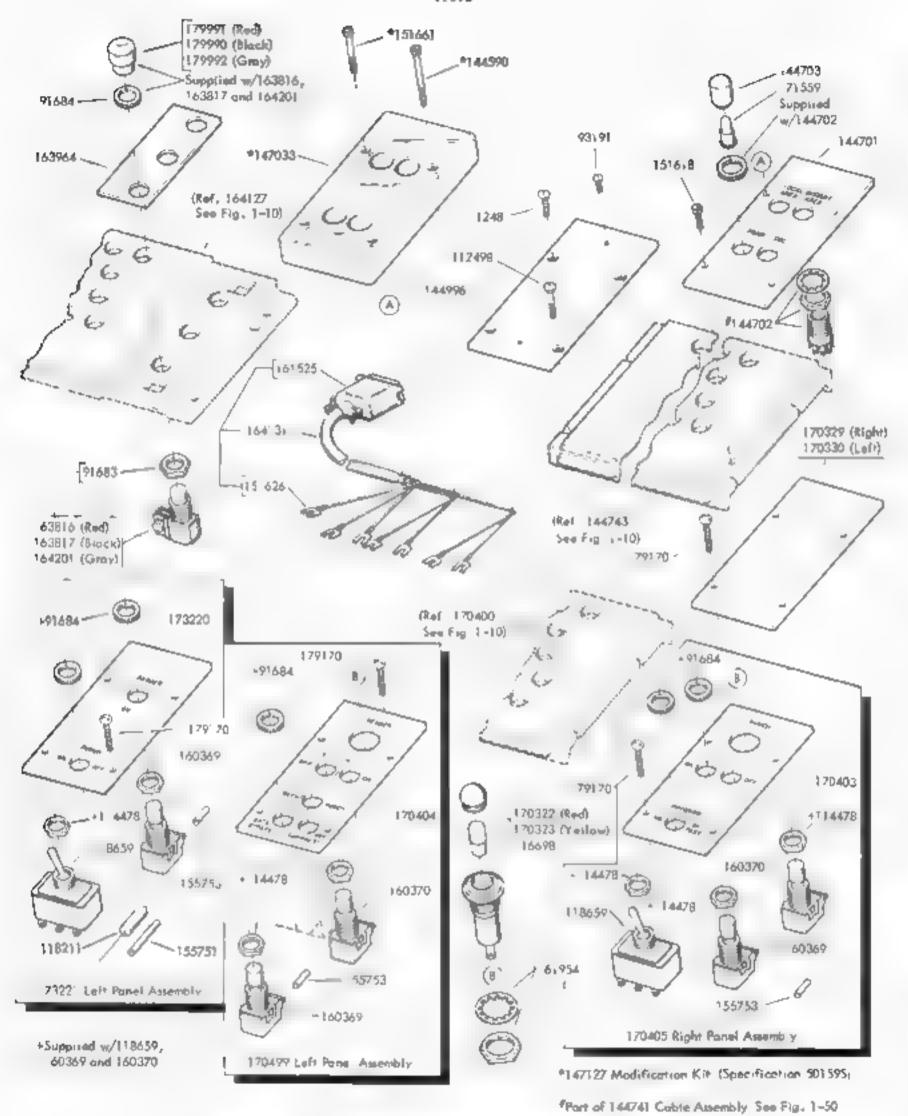


FIGURE 1-11. KEYBOARD TOP PLATES AND PANEL ASSEMBLIES

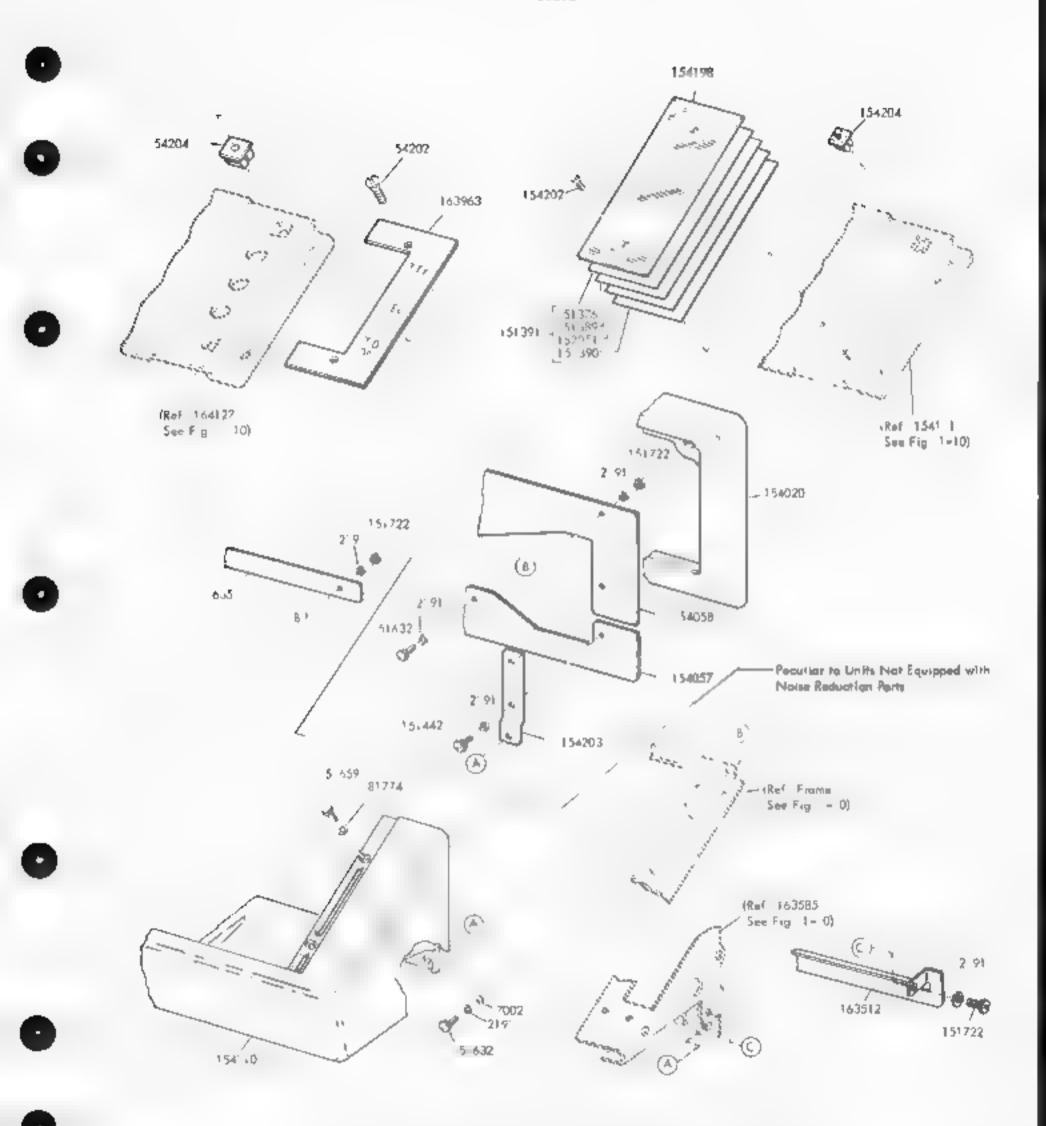


FIGURE 1-12. KEYBOARD HOOD AND MOUNTING PARTS

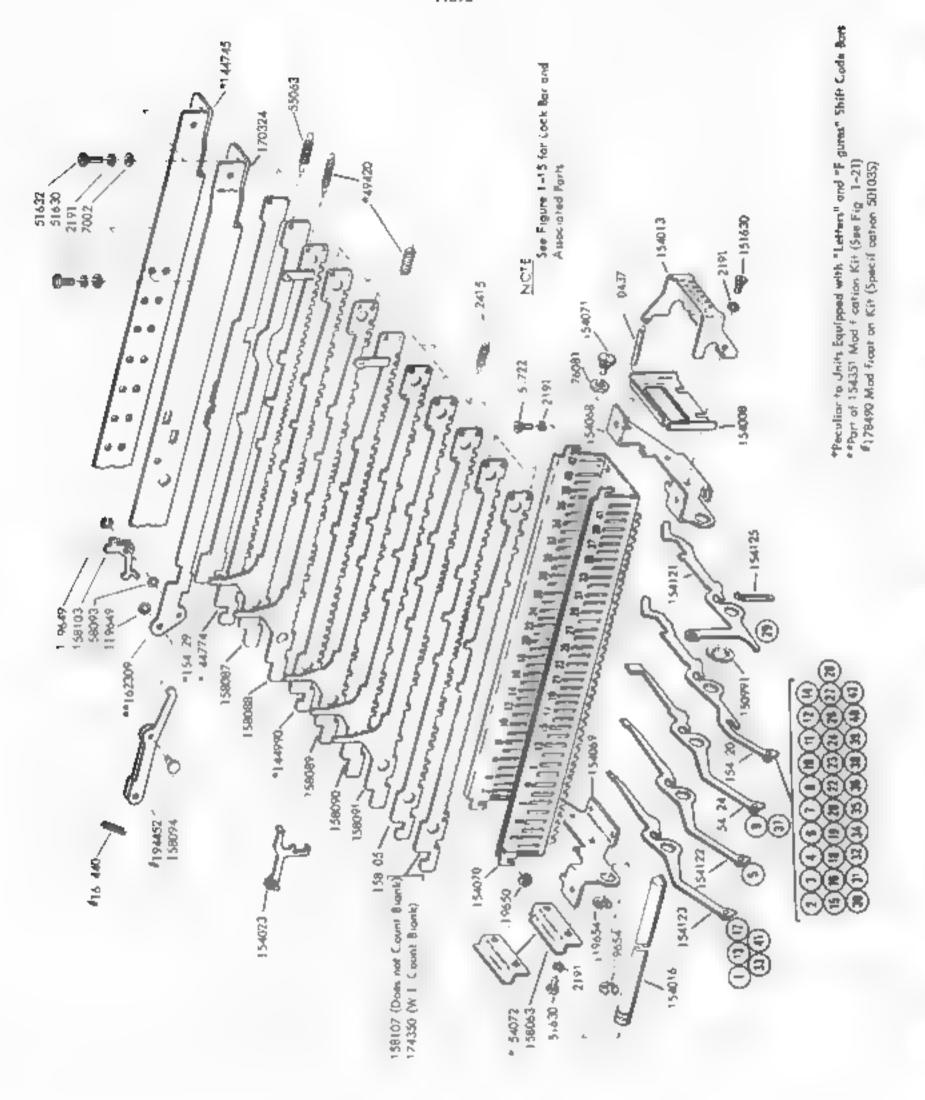


FIGURE 1-13. CODE BAR MECHANISM (5 LEVEL)

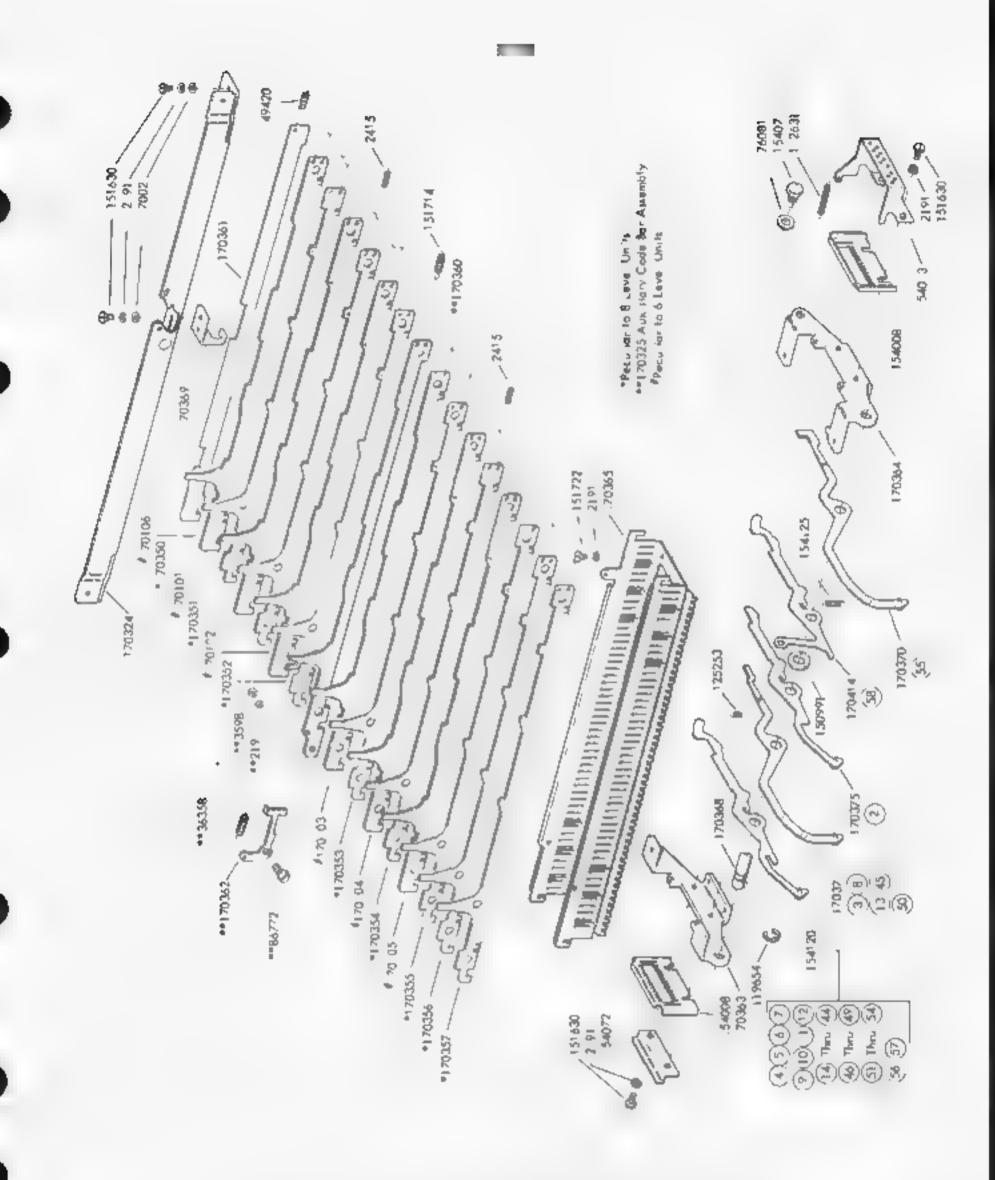


FIGURE 1-14. CODE BAR MECHANISM (6 AND 8 LEVEL)

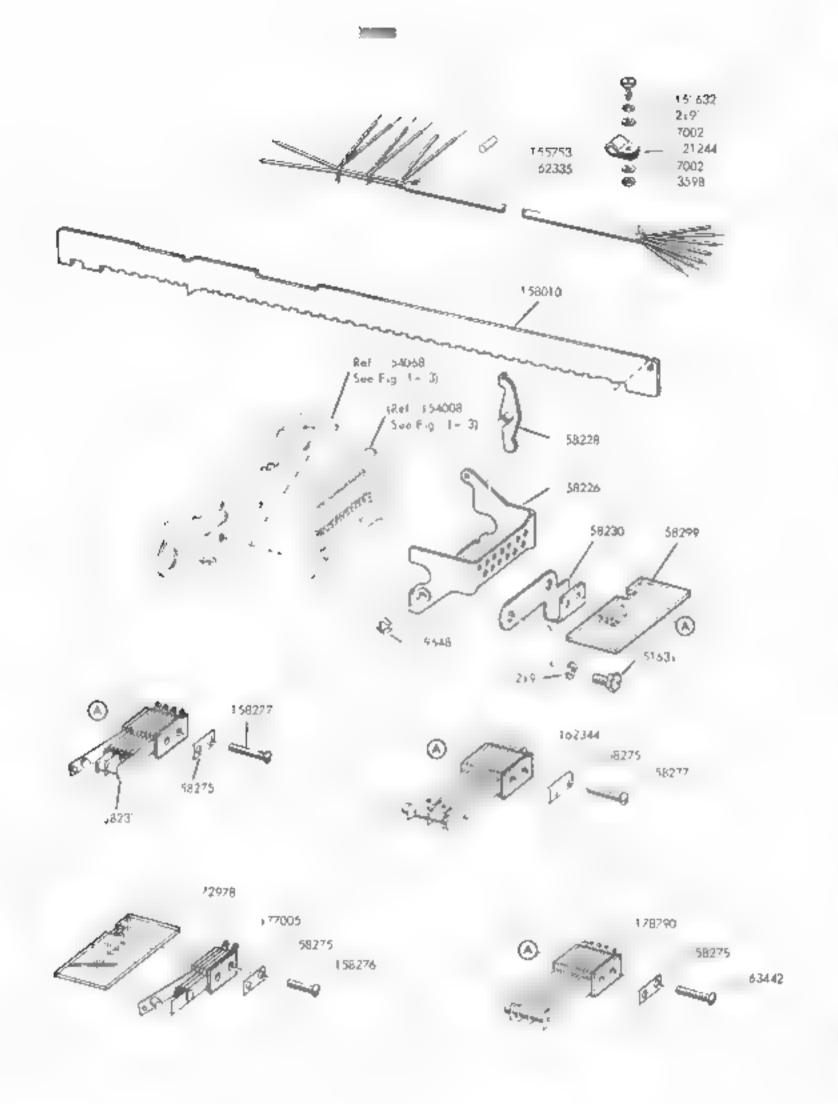


FIGURE 1-15. CONTACT ASSEMBLIES

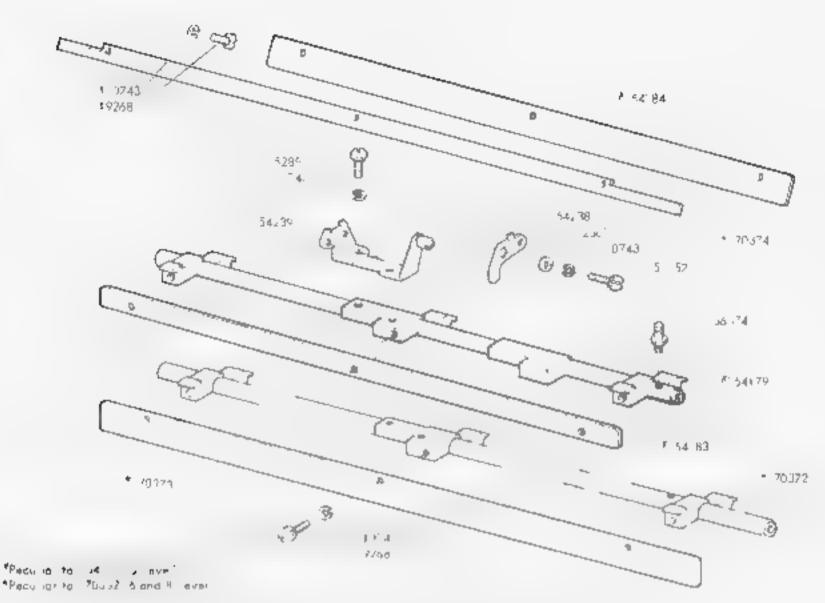


FIGURE 1-16. 154151 AND 170332 UNIVERSAL BAIL ASSEMBLIES

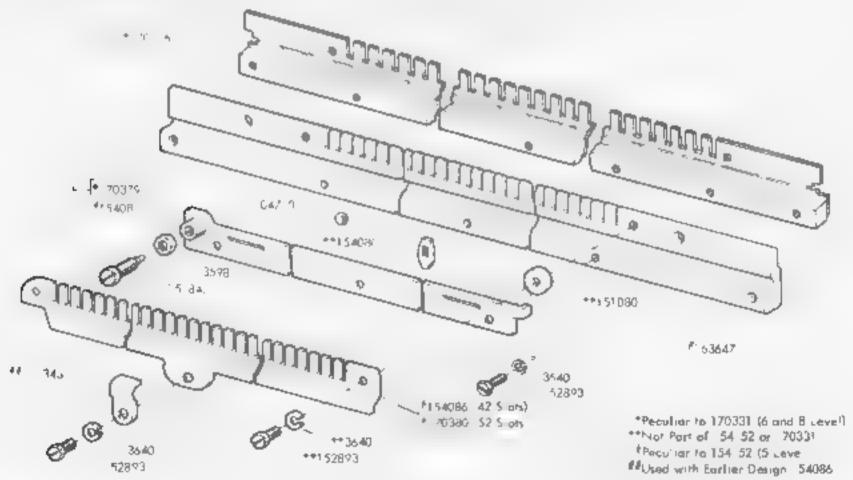
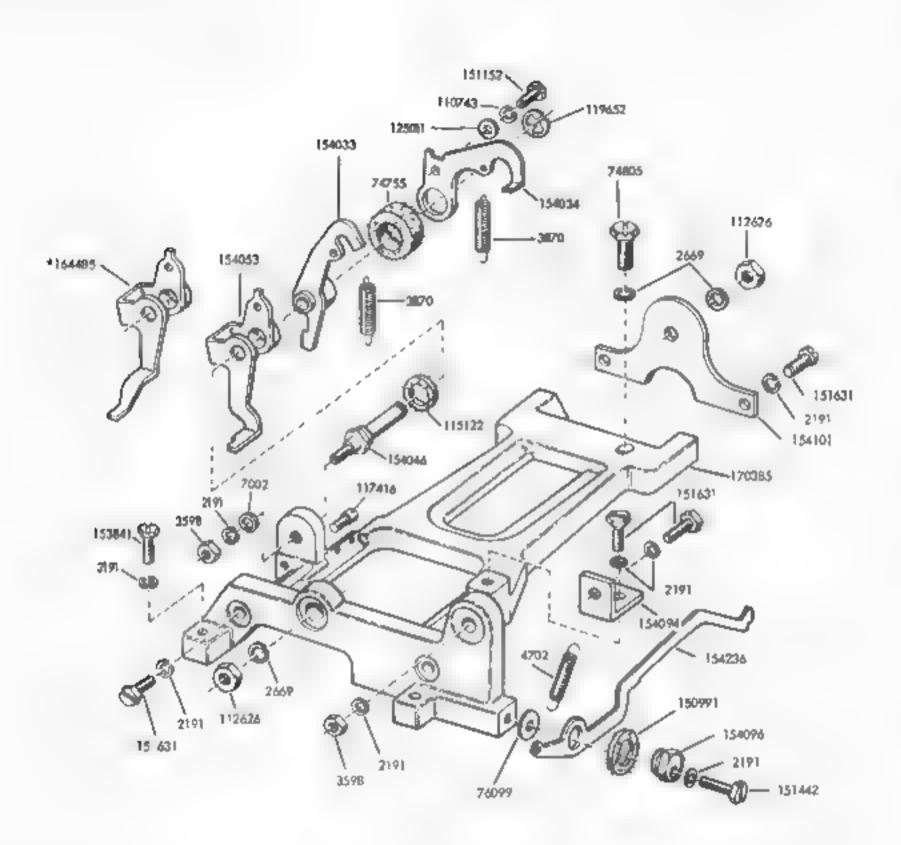


FIGURE 1-17. 154152 AND 170331 BALL LOCK BAR ASSEMBLIES



*Proviler to Units Equipped with Synchronous Pulsed Transmission (See Fig. 1–34)

FIGURE 1-18, SIGNAL GENERATOR FRAME MECHANISM

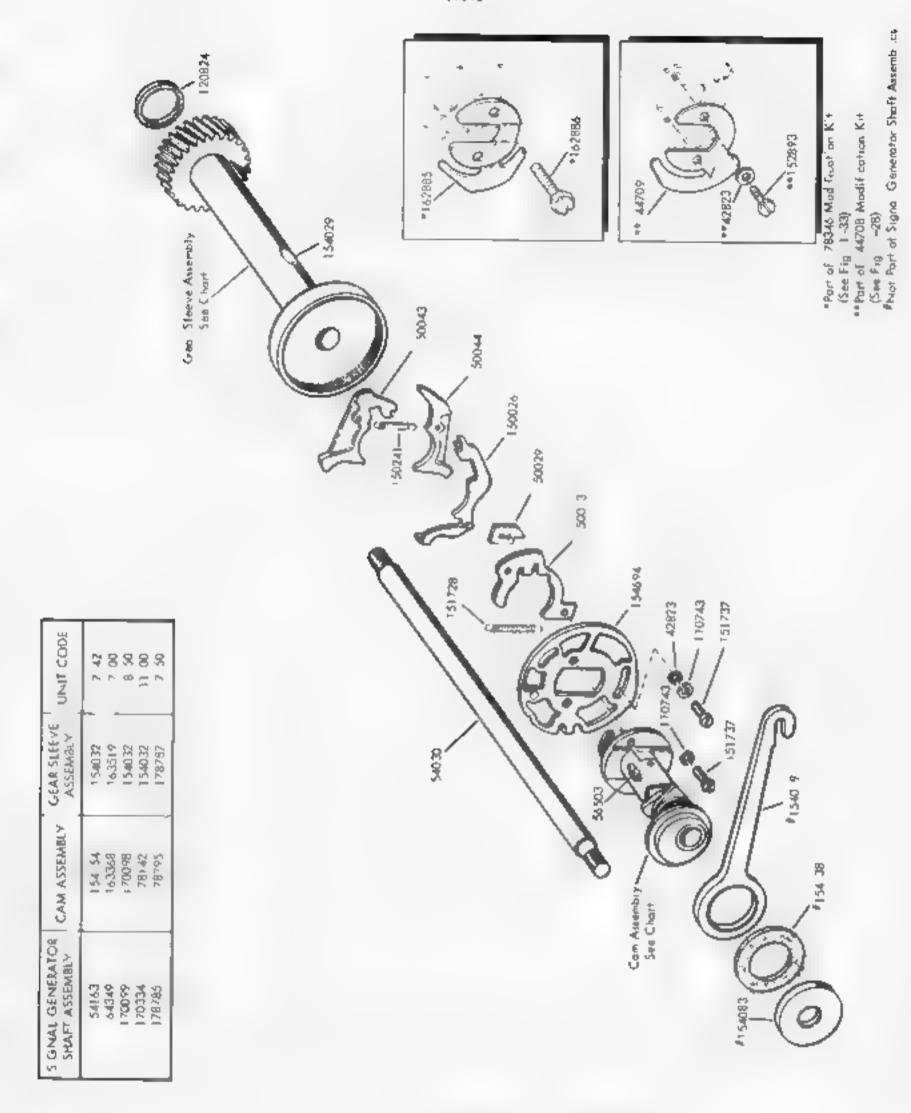


FIGURE 1-19. SIGNAL GENERATOR SHAFT ASSEMBLIES

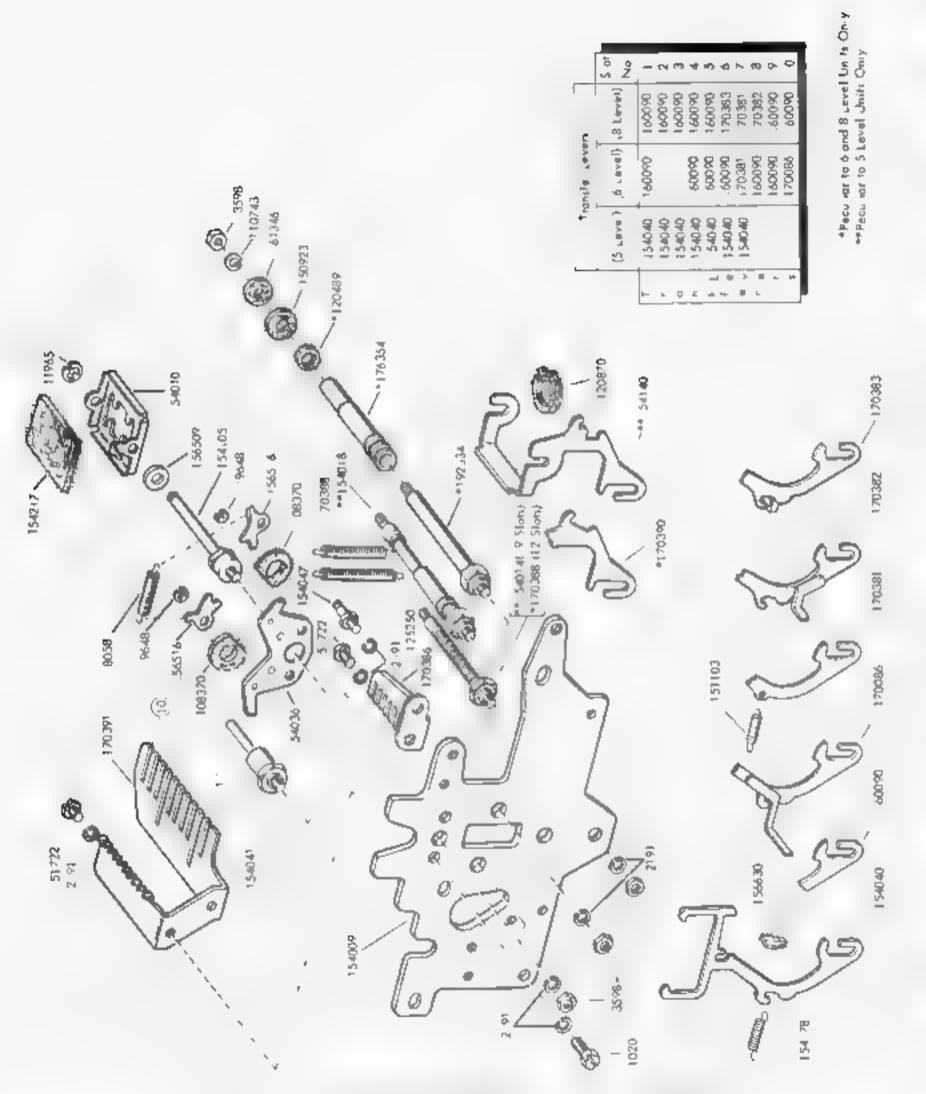


FIGURE 1-20. SIGNAL GENERATOR FRONT PLATE MECHANISM

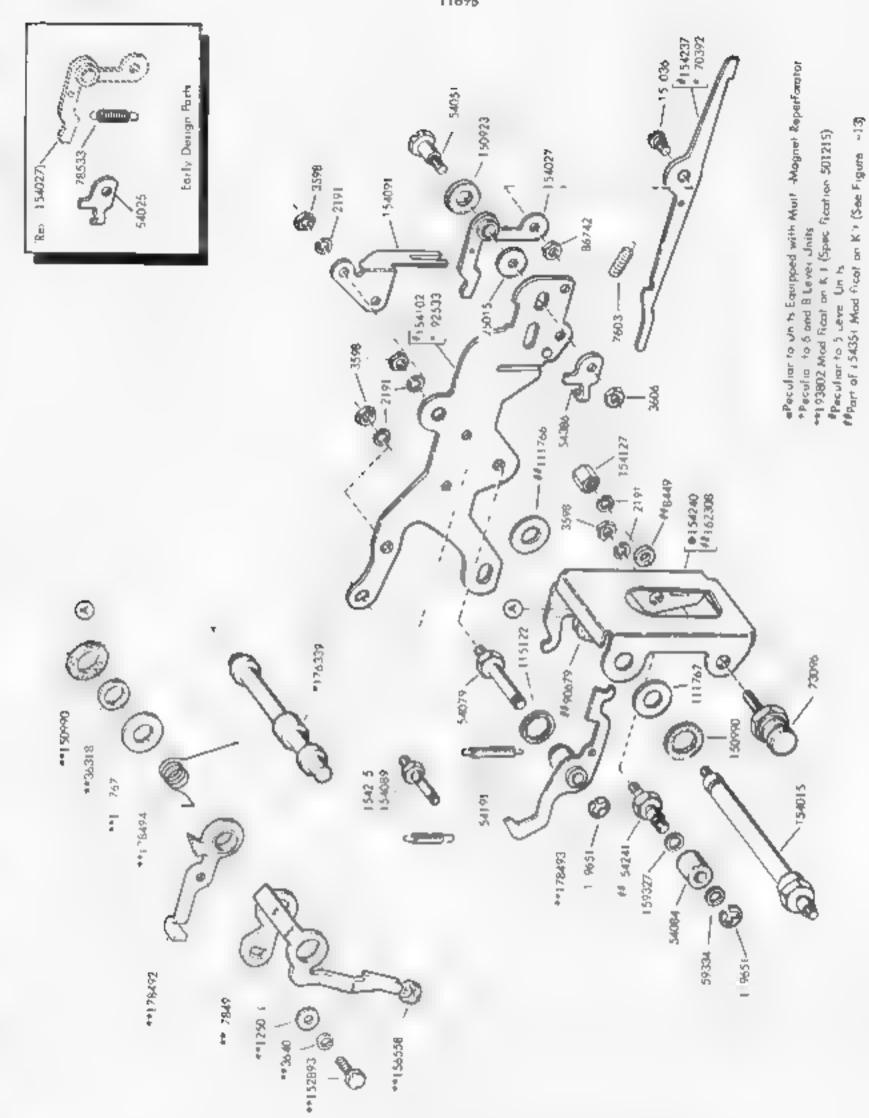


FIGURE 1-21. SIGNAL GENERATOR REAR PLATE MECHANISM

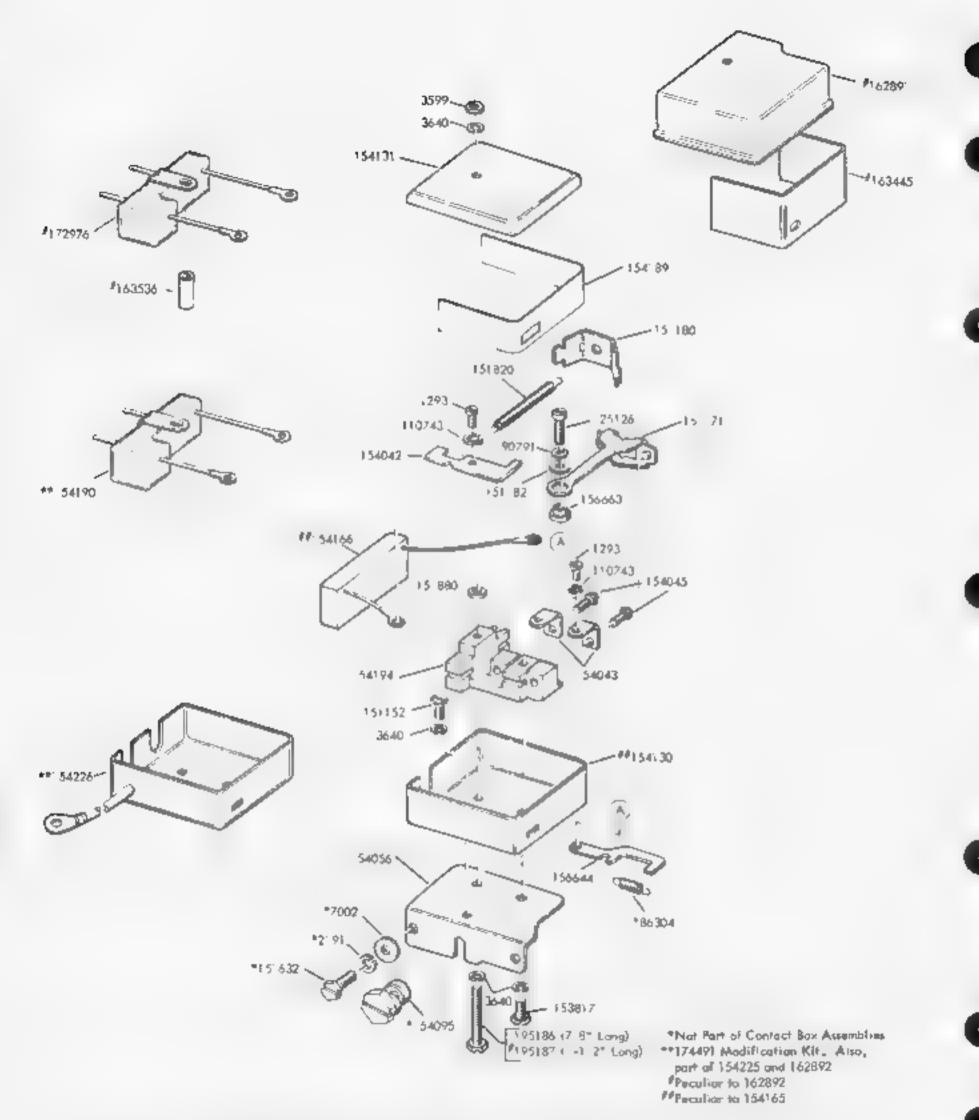
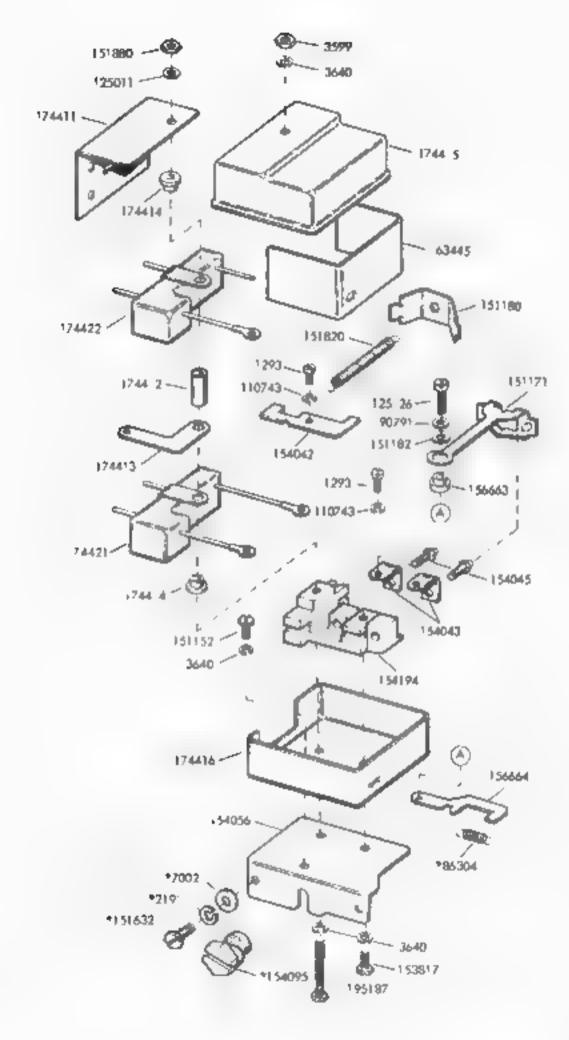
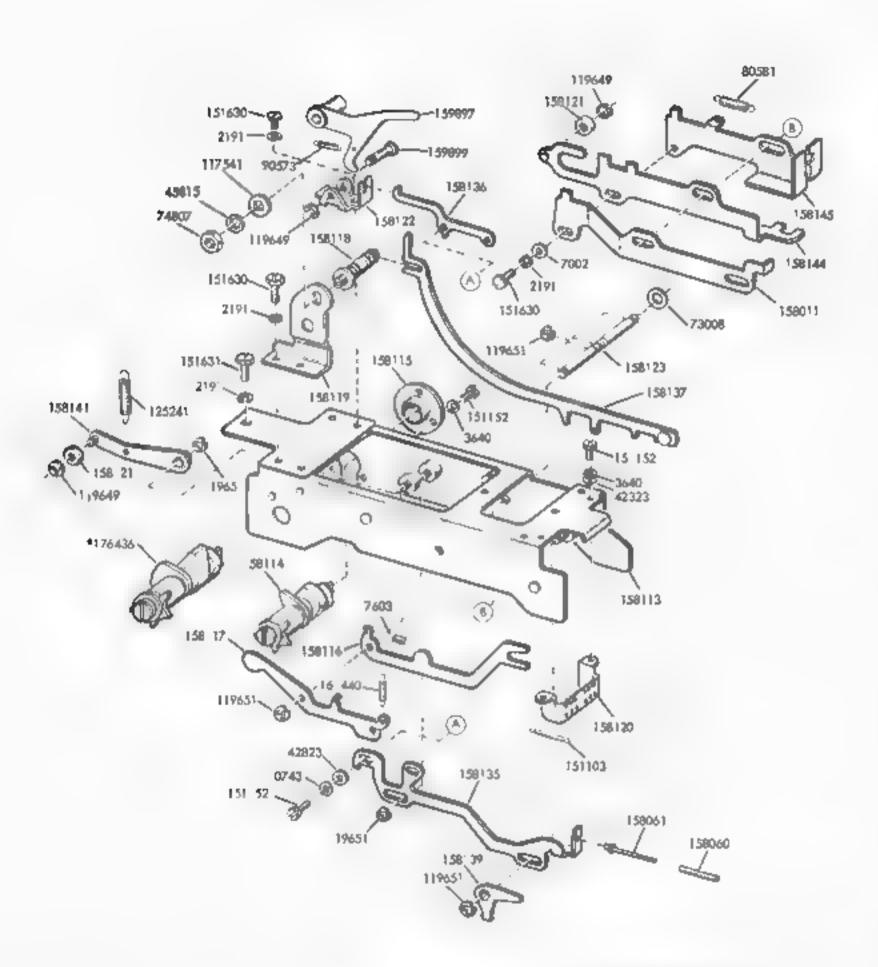


FIGURE 1-22. 154165 (W/ARC SUPPRESSION), 154225 (W/RF SUPPRESSION) - NEUTRAL TRANSMISSION AND 162892 (W/RF SUPPRESSION - POLAR TRANSMISSION) CONTACT BOX ASSEMBLIES



*Not Port of 1744 0

FIGURE 1-23. 174410 CONTACT BOX ASSEMBLY W/RF SUPPRESSION - POLAR TRANSMISSION (SHIELDED SIGNAL LINES)



*Mechanica by isolates the Reperforator from the Keyboard in the K-T position

FIGURE 1-24. CODE BAR EXTENSION BASKET MECHANISM

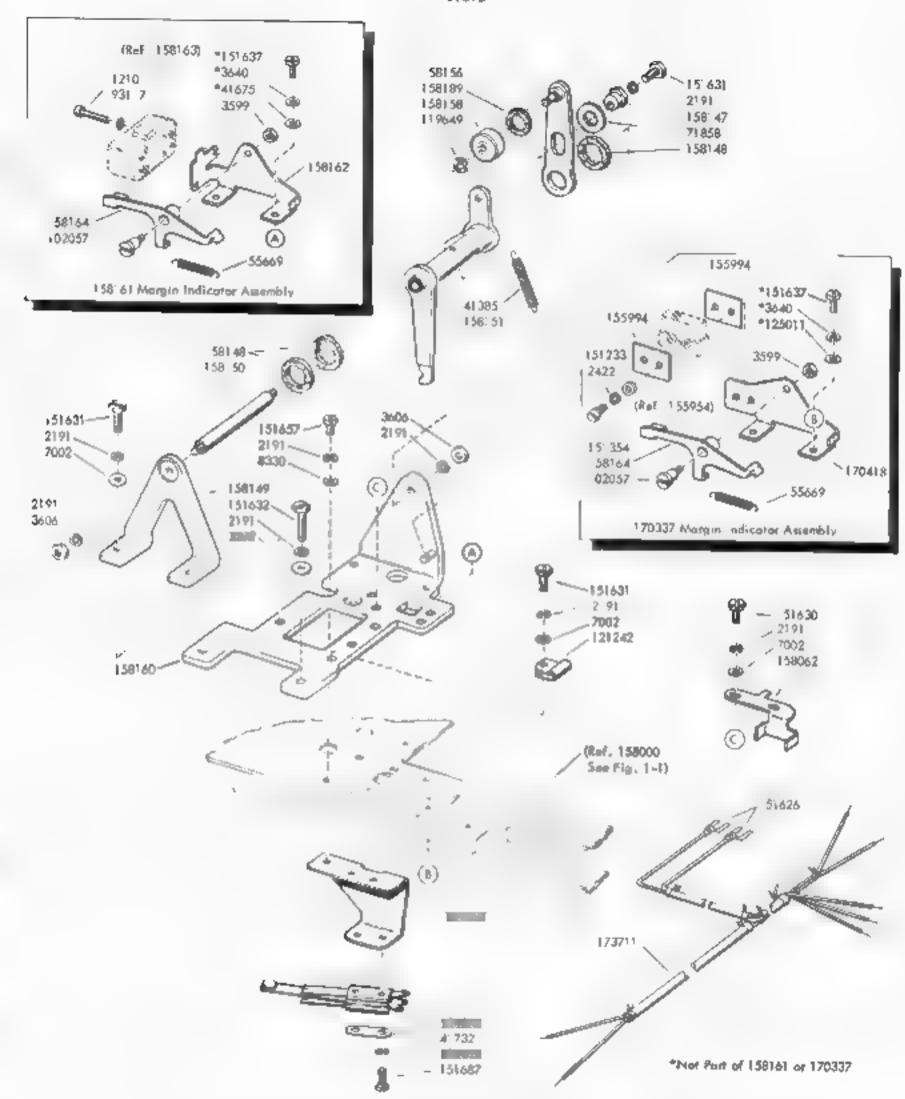


FIGURE 1-25. CAM FOLLOWER MECHANISM AND MARGIN INDICATOR ASSEMBLIES

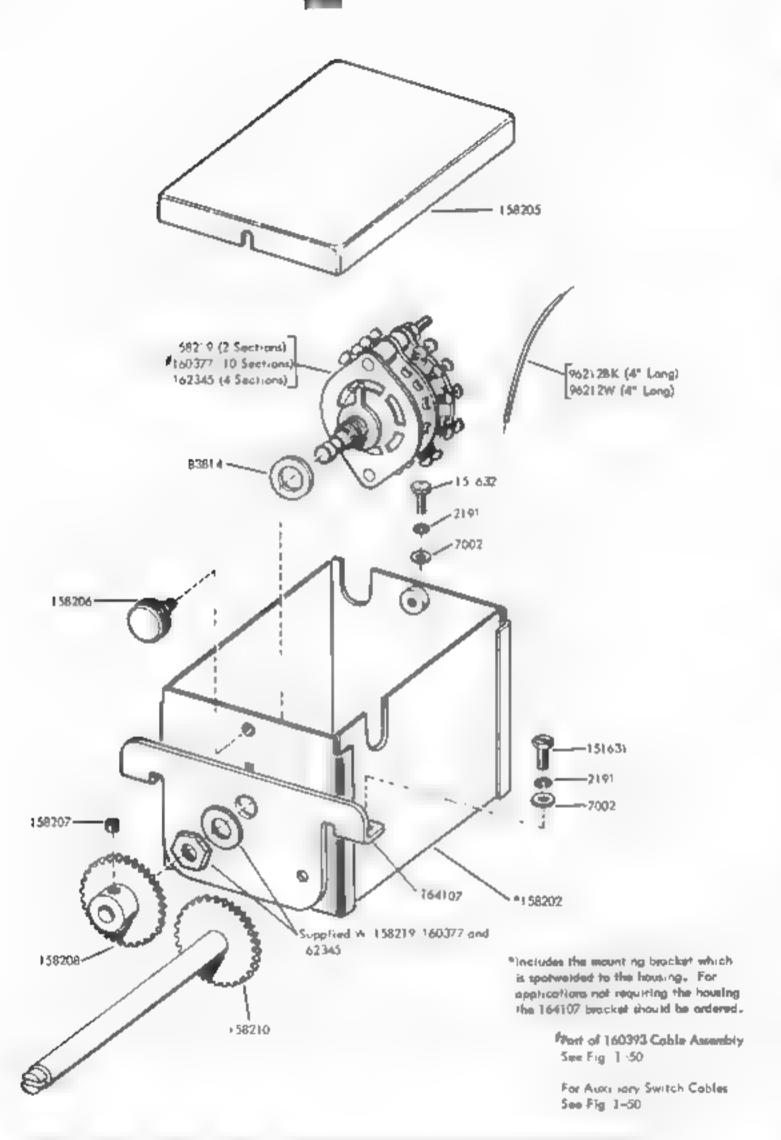


FIGURE 1-26. 158220, 159871 AND 162342 AUXILIARY SWITCH MECHANISM

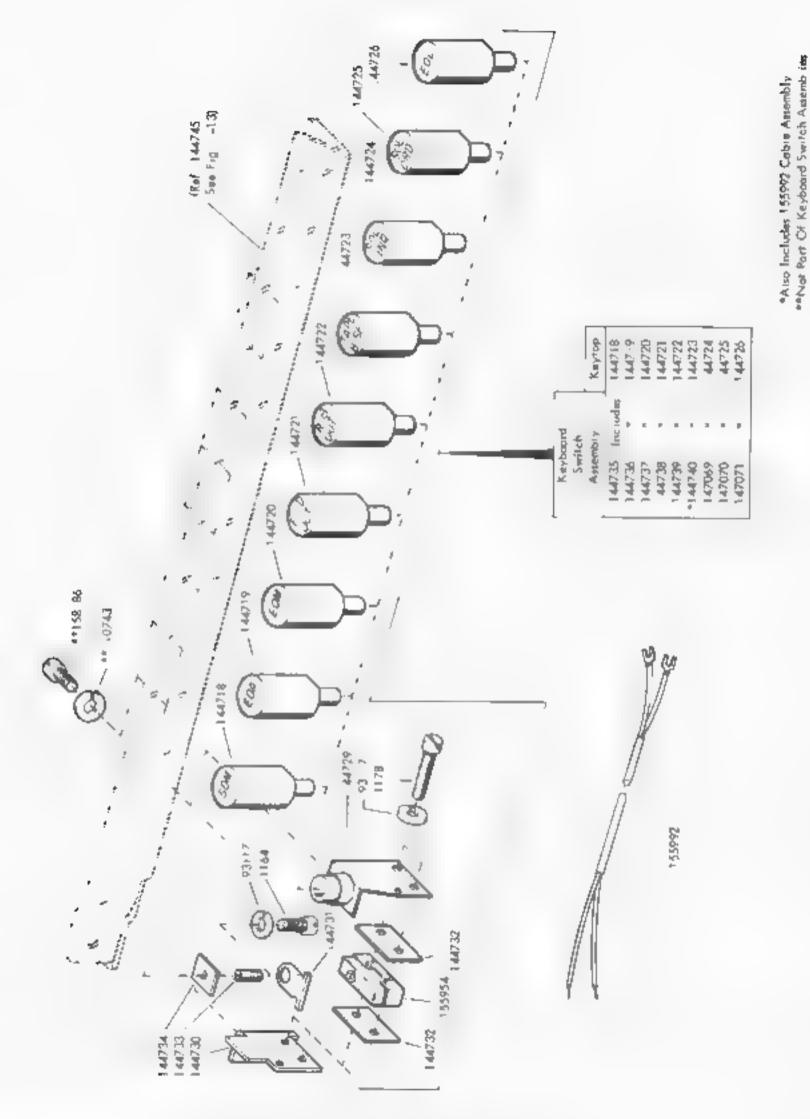


FIGURE 1-27. KEYBOARD SWITCH ASSEMBLIES

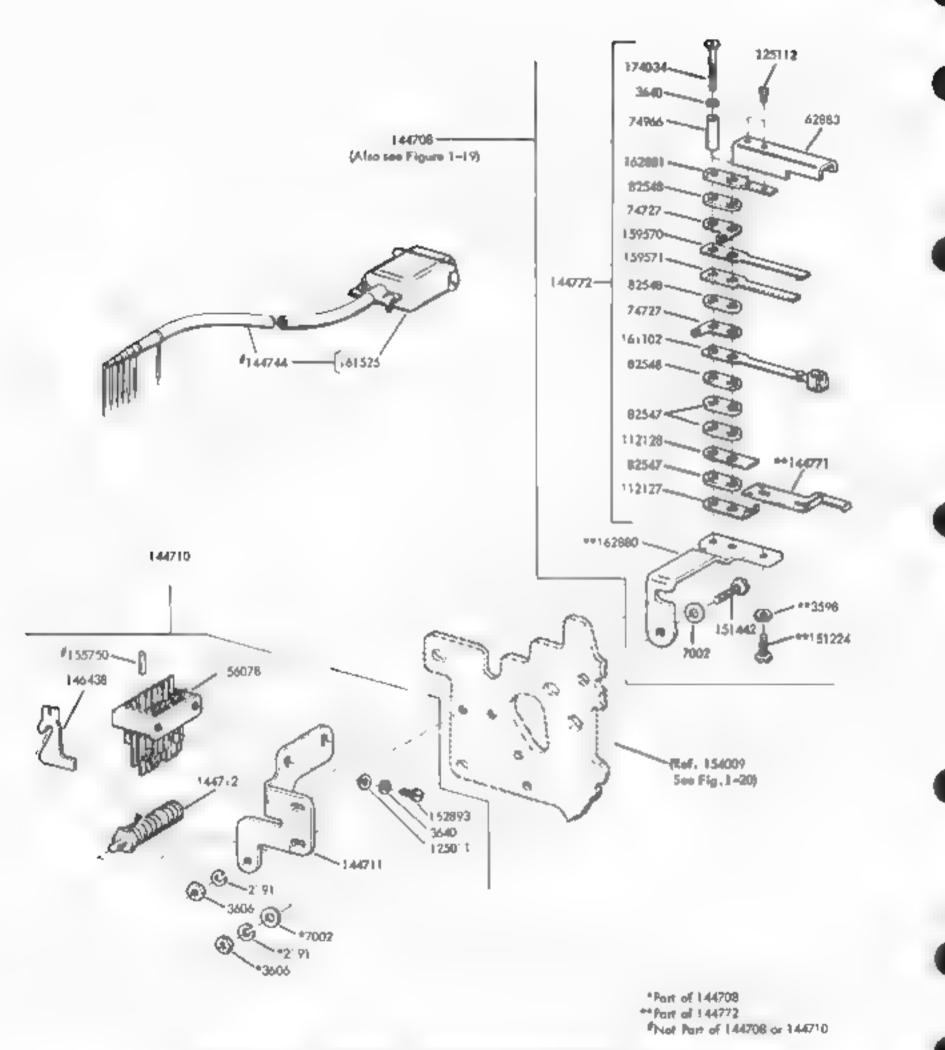


FIGURE 1-28. 144708 (FUNCTION MAGNET CONTACT) AND 144710 (CODE READING CONTACTS) MODIFICATION KITS

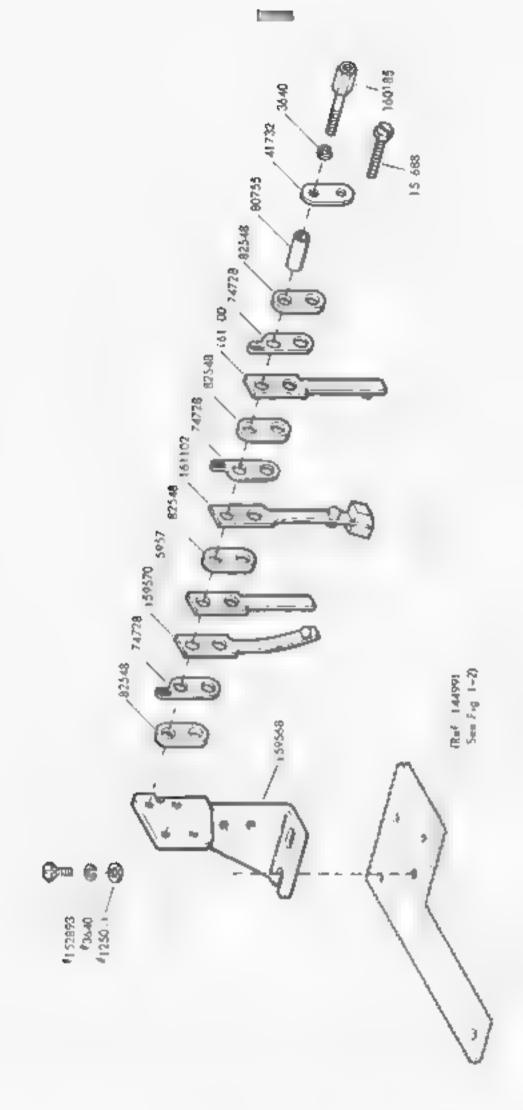


FIGURE 1-29. 144997 FIGURES - LETTERS CONTACT ASSEMBLY

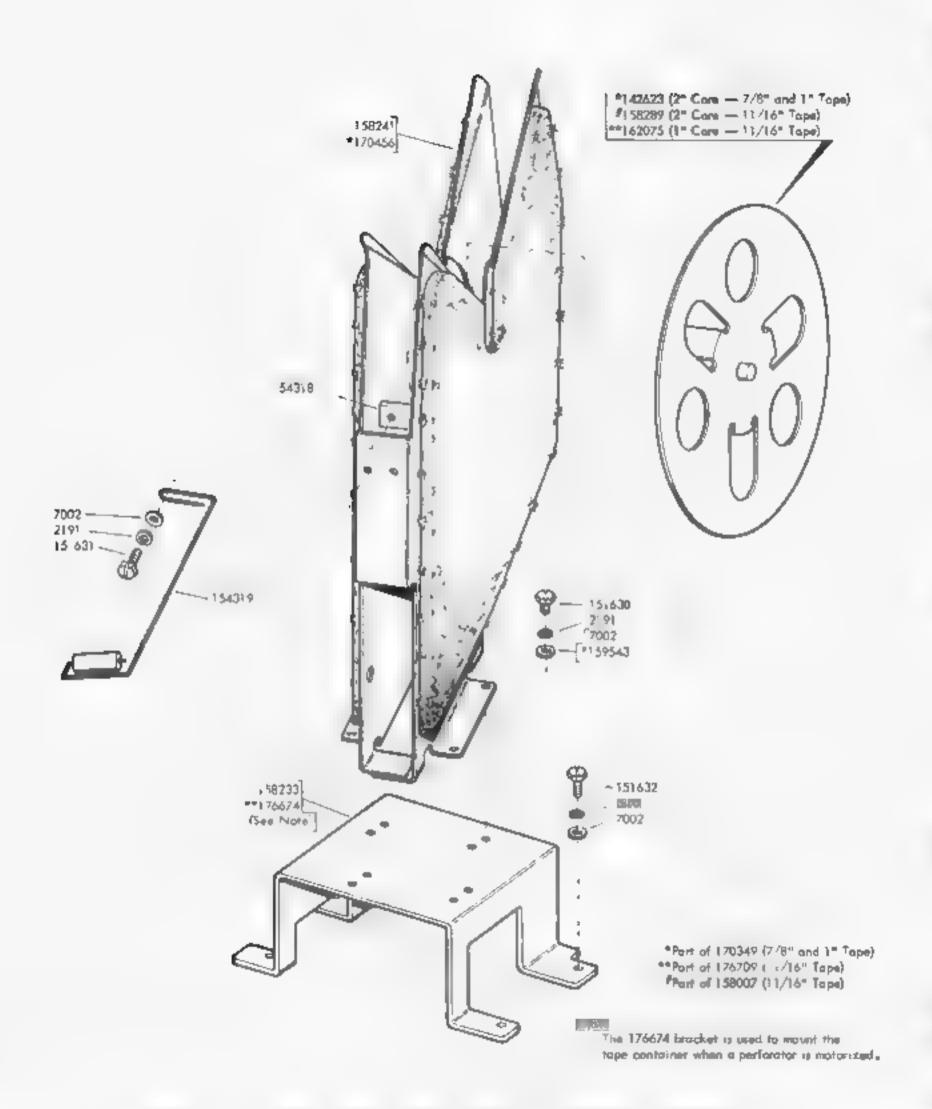


FIGURE 1-30. 158007, 170349 AND 176709 TAPE CONTAINER ASSEMBLIES

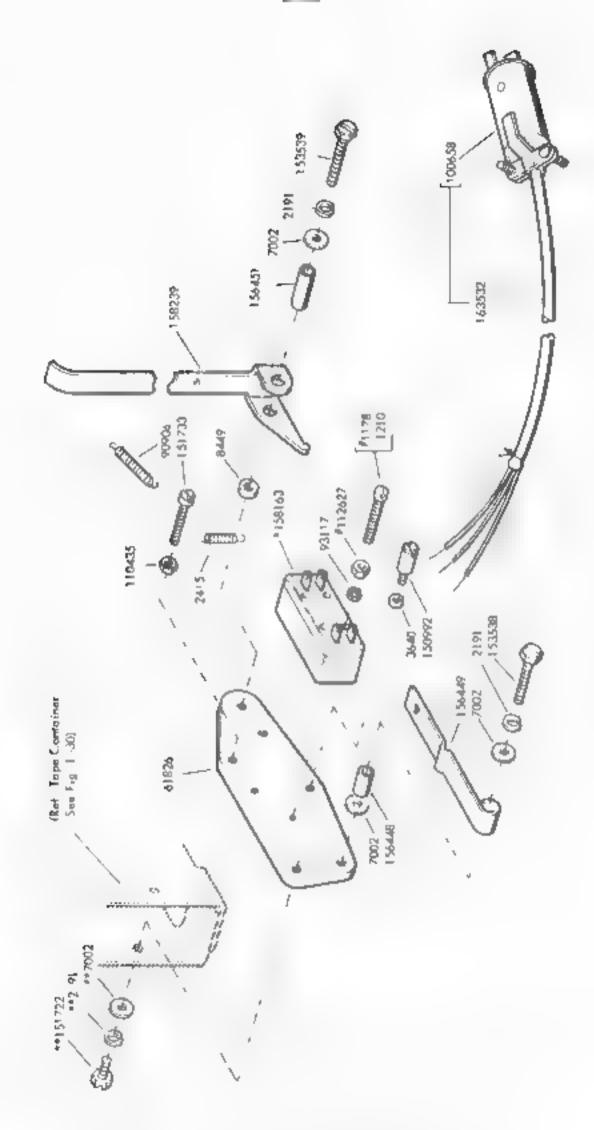


FIGURE 1-31. 163531 TAPE-OUT SWITCH ASSEMBLY



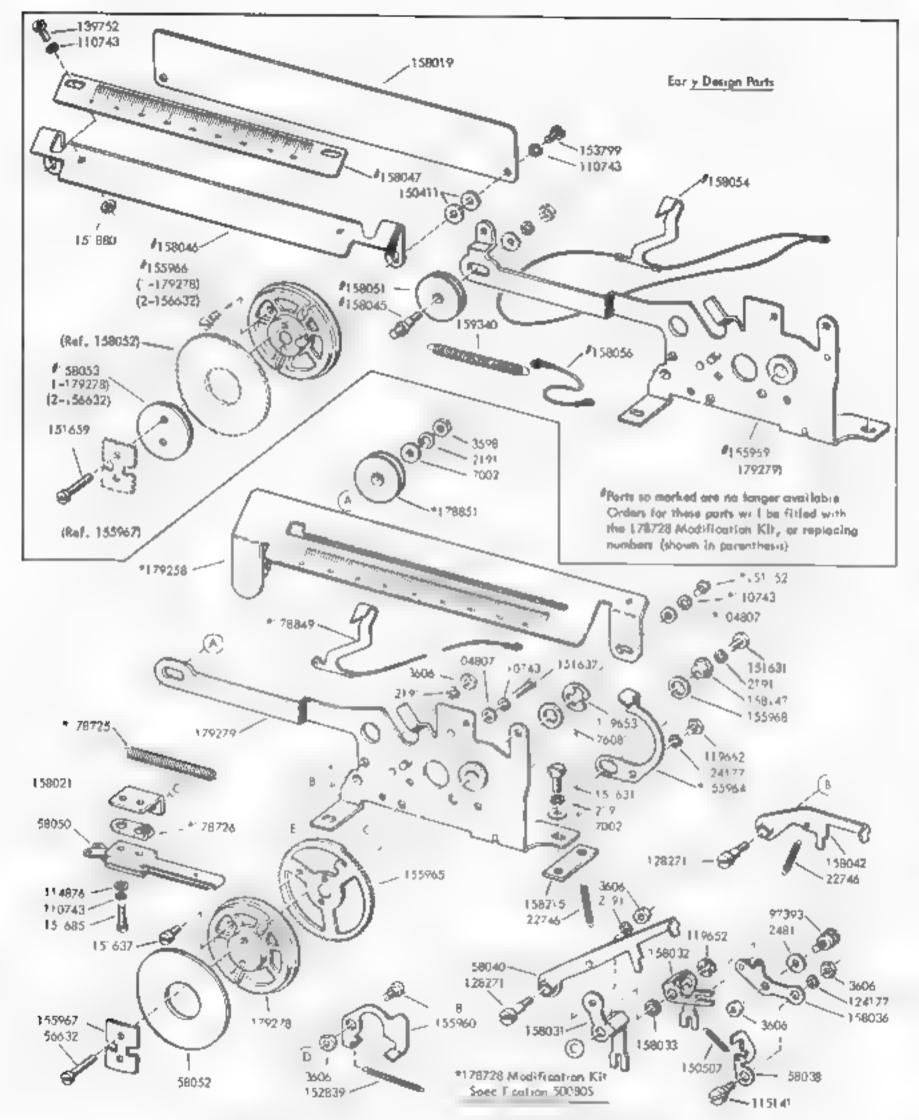


FIGURE 1-32. 155990 CHARACTER COUNTER ASSEMBLY

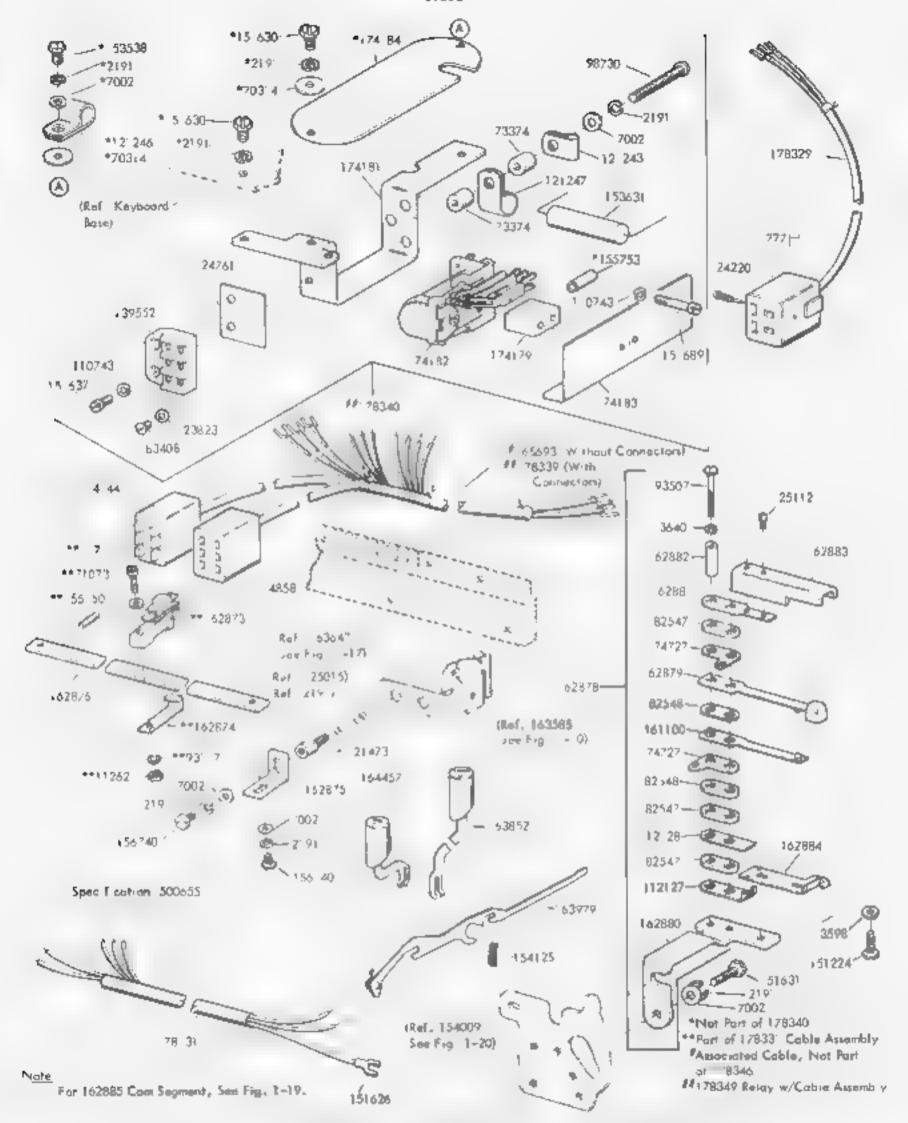


FIGURE 1-33. 178346 MODIFICATION KIT TO EQUIP KEYBOARD WITH ANSWER-BACK CONTROL

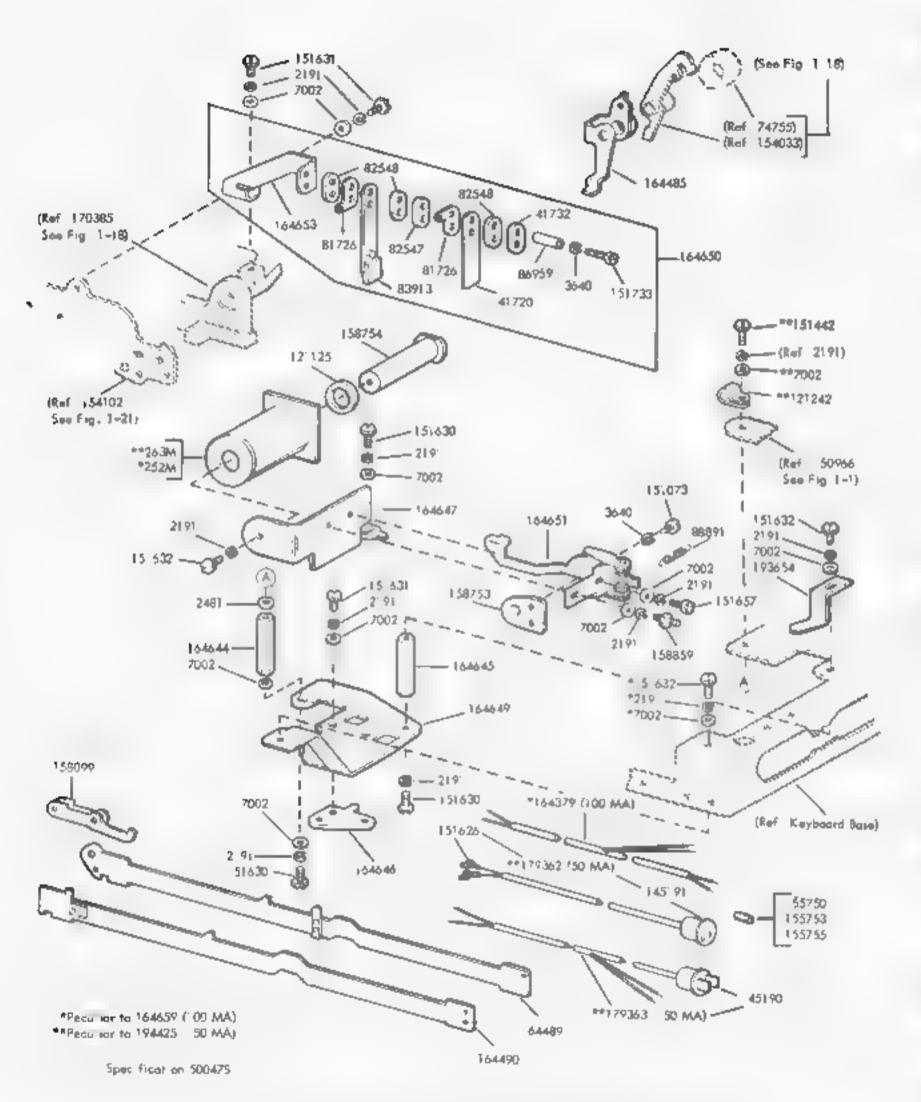


FIGURE 1-34. 164659 (100 MA) AND 194425 (50 MA) MODIFICATION KITS TO PROVIDE SYNCHRONOUS PULSED TRANSMISSION

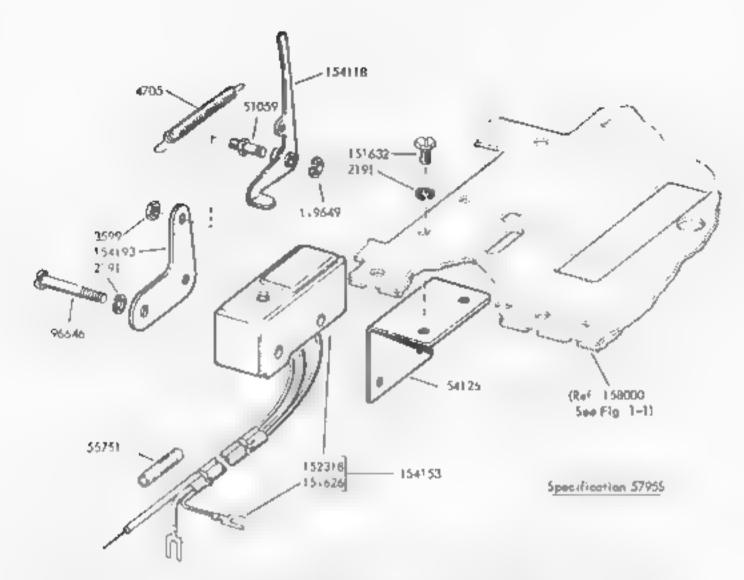


FIGURE 1-25. 154147 MODIFICATION KIT TO PROVIDE LOCAL PAPER FEED-OUT MOTOR STARTING MECHANISM

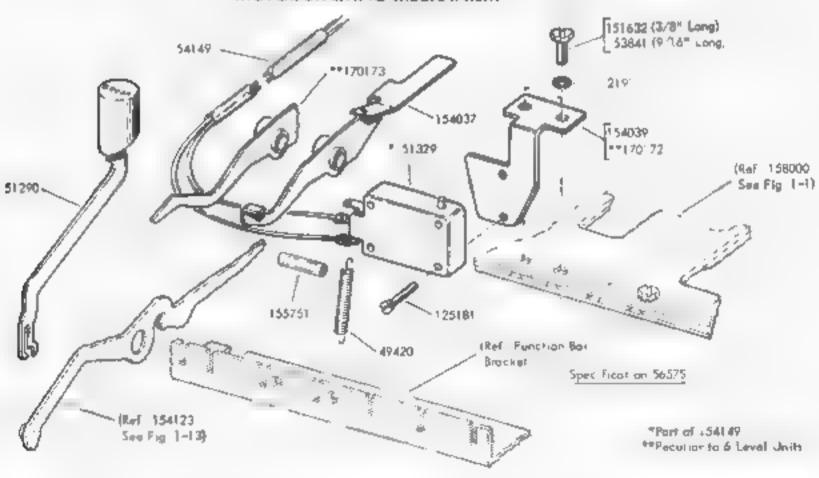


FIGURE 1-36. 15414) MODIFICATION KIT TO PROVIDE ELECTRICAL SIGNAL LINE BREAK MECHANISM

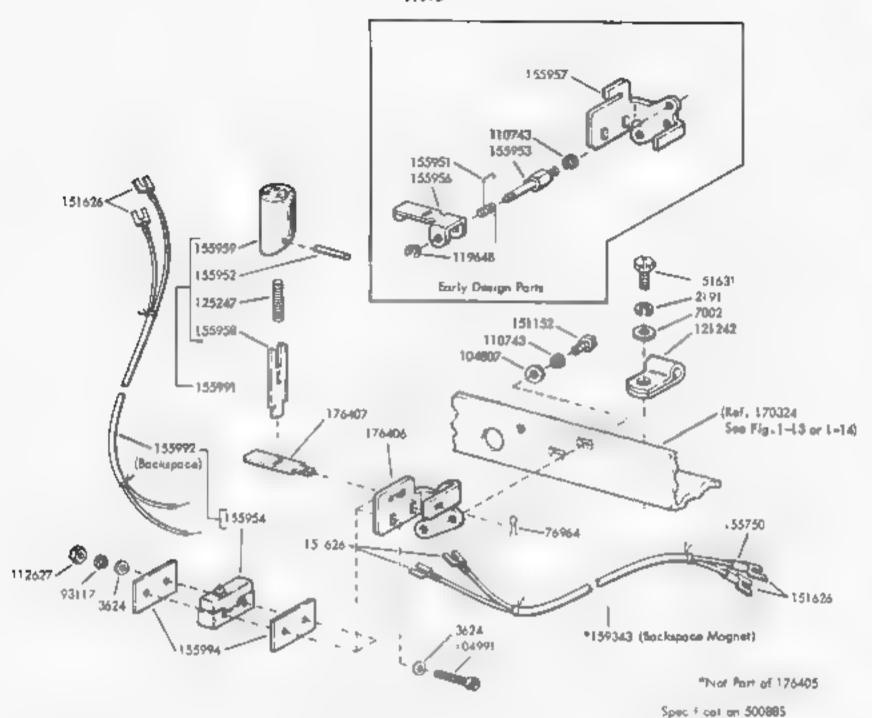


FIGURE 1-37. 176405 MODIFICATION KIT TO ADD TAPE BACKSPACE BUTTON

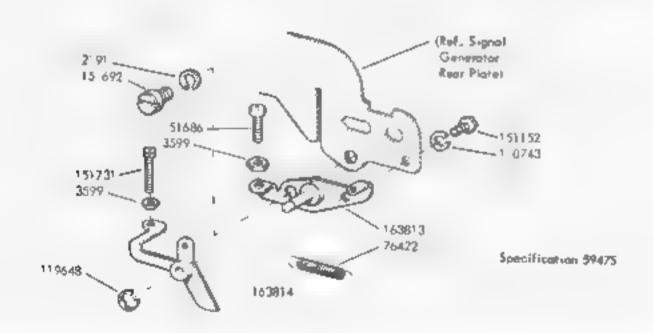


FIGURE 1-38. 163775 MODIFICATION KIT TO PROVIDE REPEAT ON SPACE MECHANISM

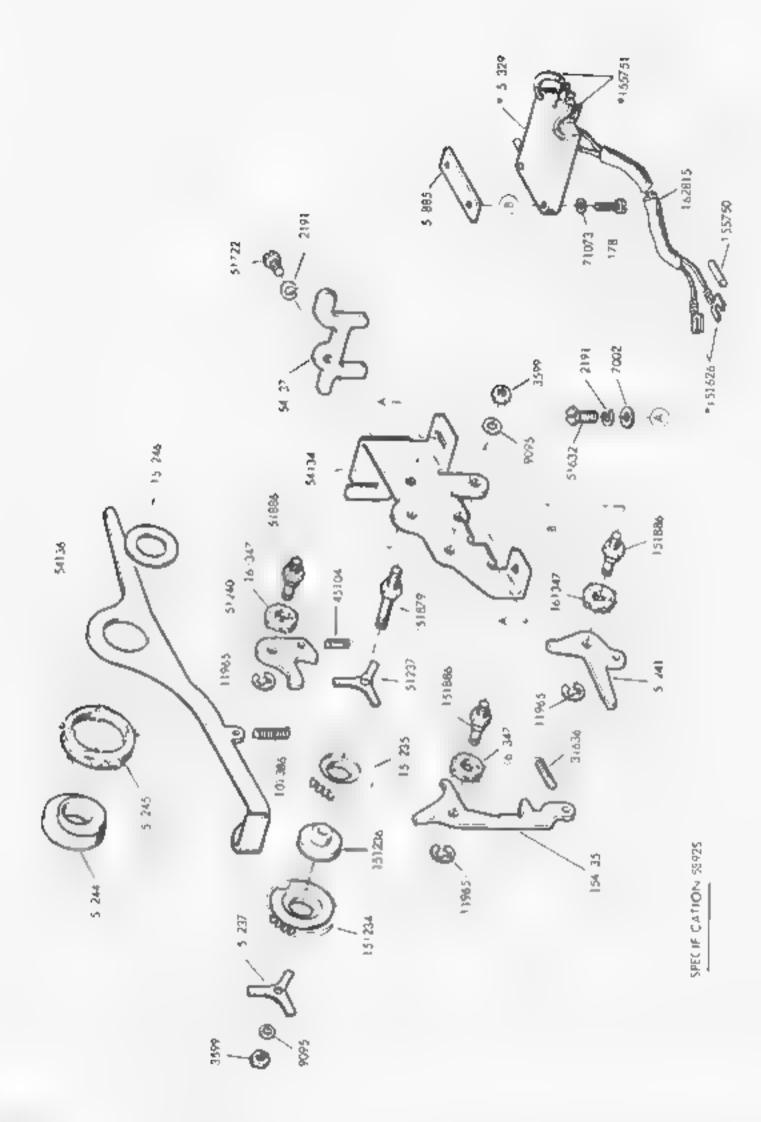
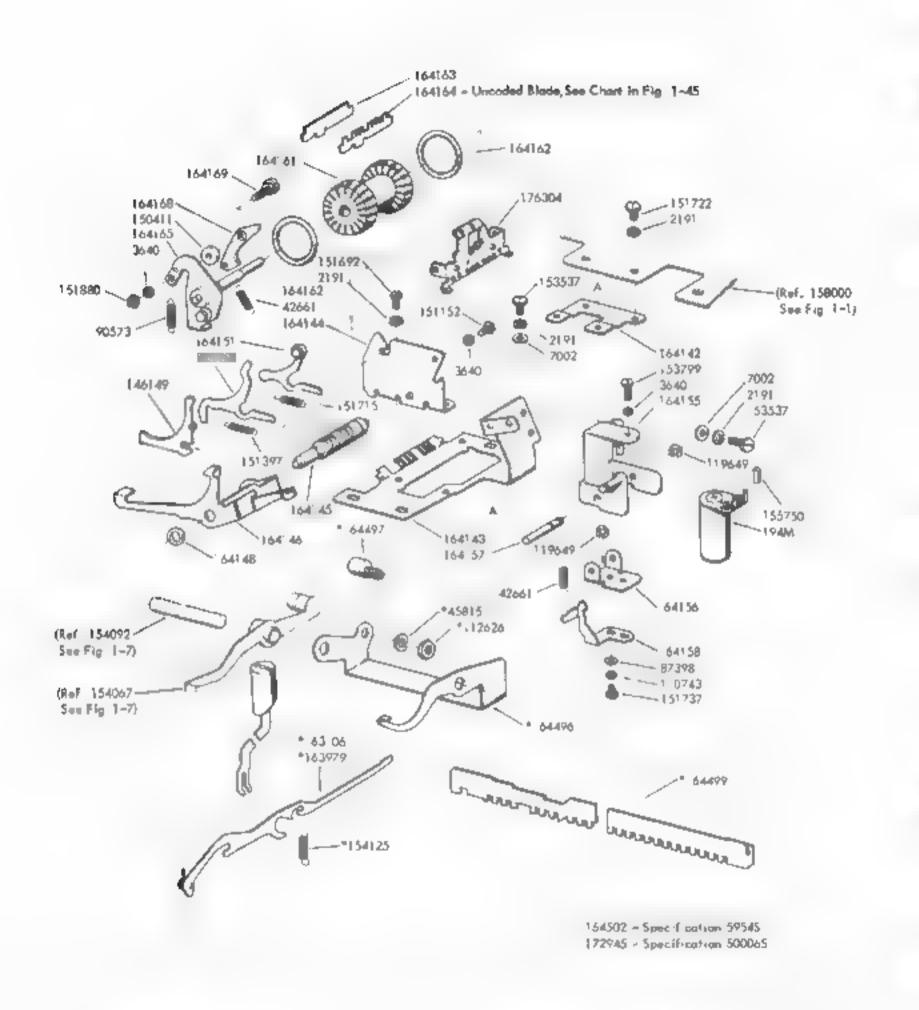
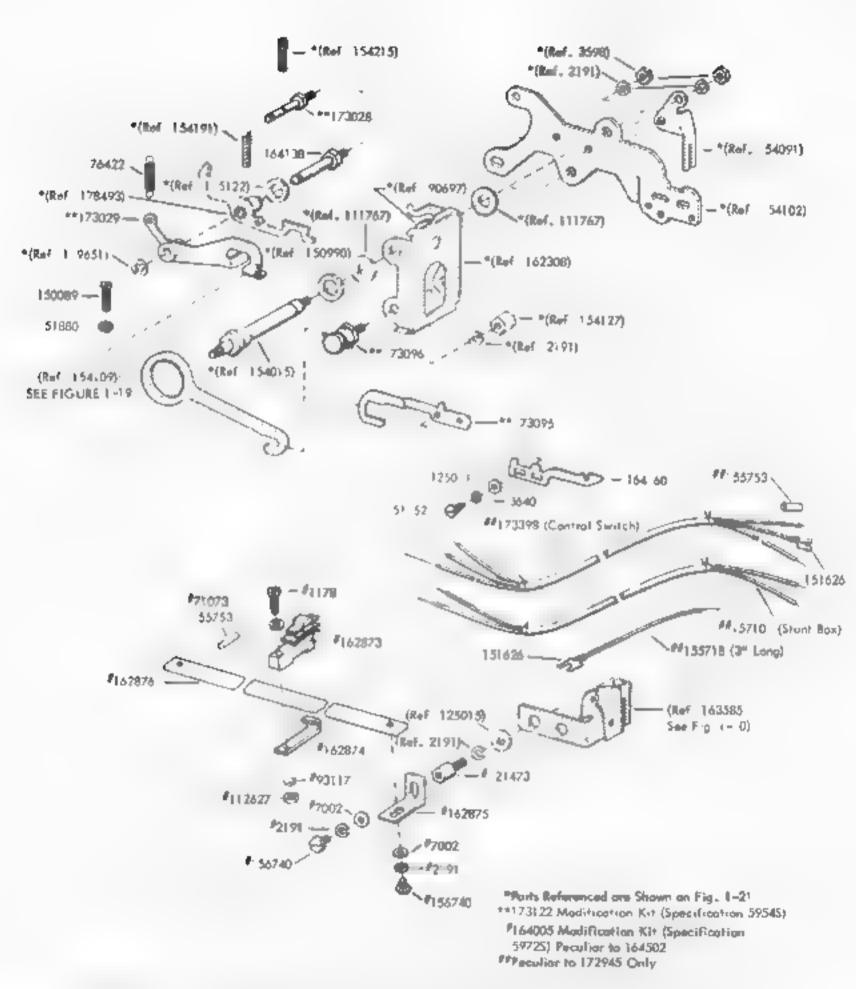


FIGURE 1-39. 162731 MODIFICATION KIT TO PROVIDE KEYBOARD WITH TIME DELAY MECHANISM



*Peculiar to 164502 Only

FIGURE 1-40. 164502 (END OF MESSAGE GENERATOR) AND 172945 (ANSWER-BACK)
MODIFICATION KITS - SEE FIGS. 1-41, 1-42 AND 1-43.



-

FIGURE 1-41. 164502 (END OF MESSAGE GENERATOR) AND 172945 (ANSWER-BACK)
MODIFICATION KITS - SEE FIGS. 1-40, 1-42 AND 1-43.

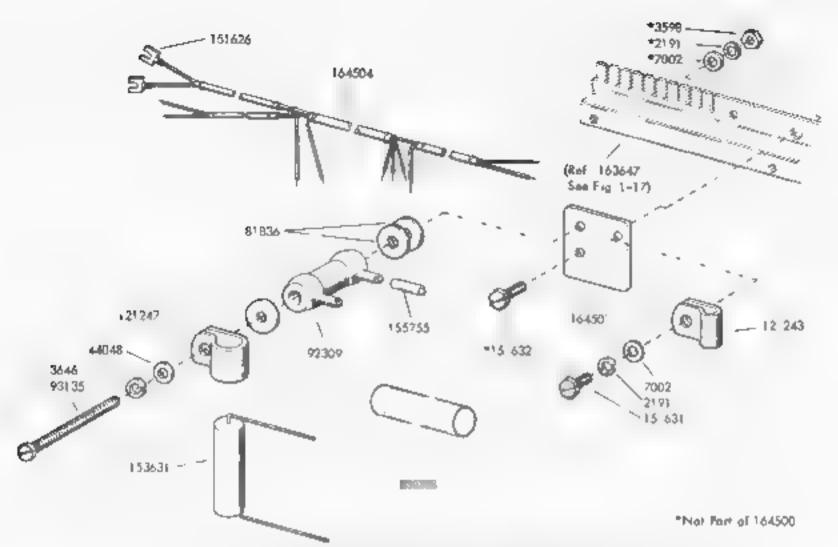


FIGURE 1-42. 164500 RESISTOR ASSEMBLY (PART OF 164502 MODIFICATION KIT - SEE FIGS, 1-40 AND 1-41)

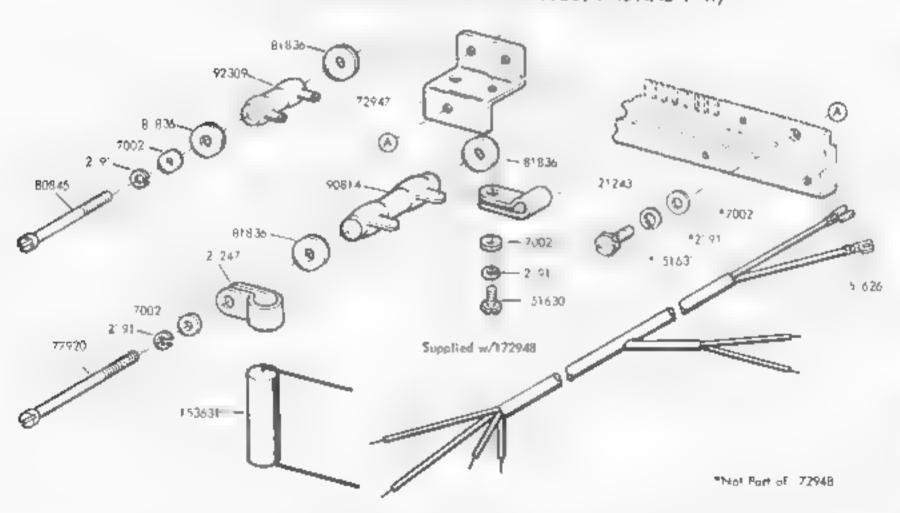


FIGURE 1-43. 172948 RESISTOR ASSEMBLY (PART OF 172945 MODIFICATION KIT - SEE FIGS. 1-40 AND 1-43)



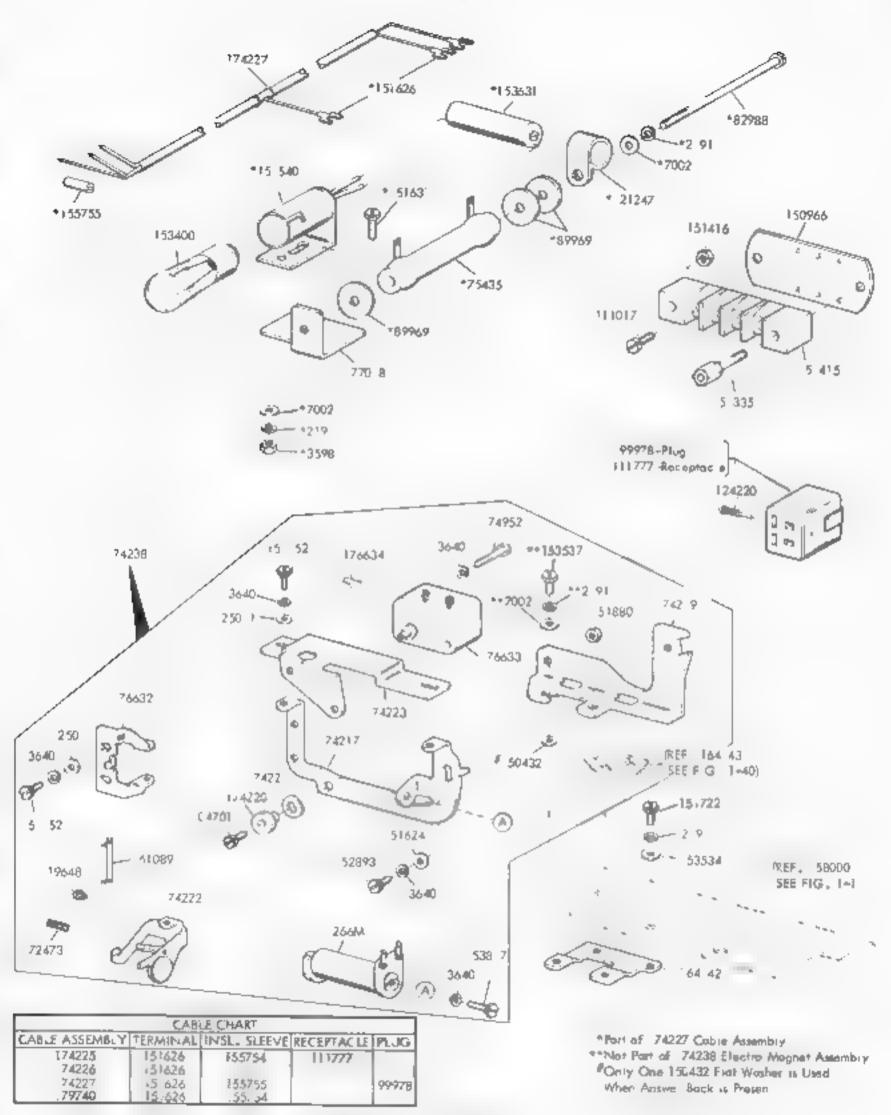


FIGURE 1-44. 164426 MODIFICATION KIT TO ADD HORIZONTAL TAB DISABLER

CHARACTER	C ODE 1 2 0 4 5	
	x X	
	XXX	
ζ	XXX	
D	X X	
ŧ	X .	
F	X XX	
Ġ	X XX	
М	×х	
1	XX	X LEAVE TIME
4	X.X. X.	
K	XXXX	REMOVE TINE
L	X	
AA.	XXX	
N	x x	
0	××	
,	X X X	
٥	XXXX	
R	X X	
5	X X	
F	X .	
C	$x \times x$	
V	XXXX	
W	X X X	
×	X XXX	
Y	X X X	
2	X X	
CARRIAGE RETURN	X	
LINE FEED	1X	
LETTERS SHIFT	XXXXX	
FIGURES SHIFT	XXXX	
SPACE	1 X	
SUCCESS	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
CODED BLADE		
SC CRED I	IINES KE	Υ
Coding to Landson for the	a Carlo Blades and	n the

Coding Instructions for the Code Blades used in the Answer Back Feature on an LAK Keyboard Base (See Figure 4-15 for Coding Instructions for the Transmitter Distributor Feature)

FIGURE 1-45. ENCODING THE KEYBOARD ANSWER-BACK DRUM BLADE

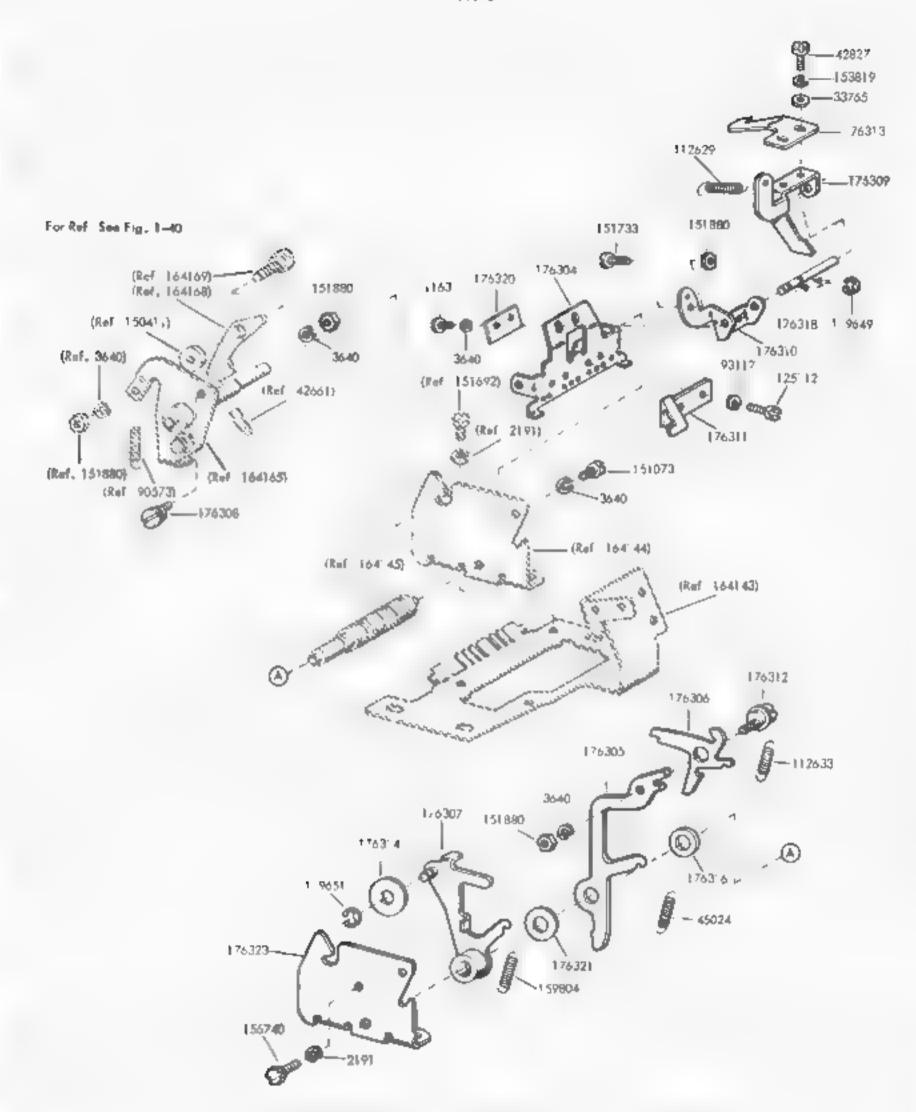


FIGURE 1-46. 176395 MODIFICATION KIT TO PROVIDE LOCK BAR RESET TO ANSWER-BACK

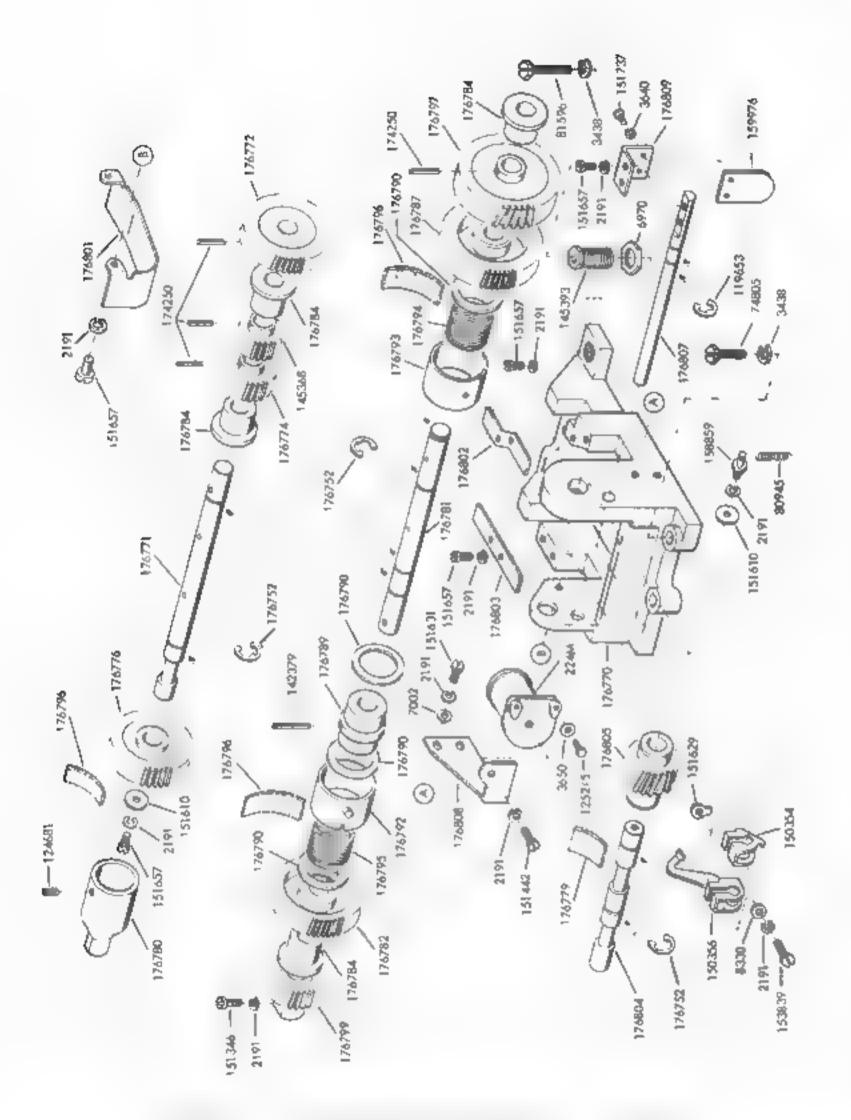


FIGURE 1-47. REMOTE CONTROL SPEED SHIFT GEAR MECHANISM

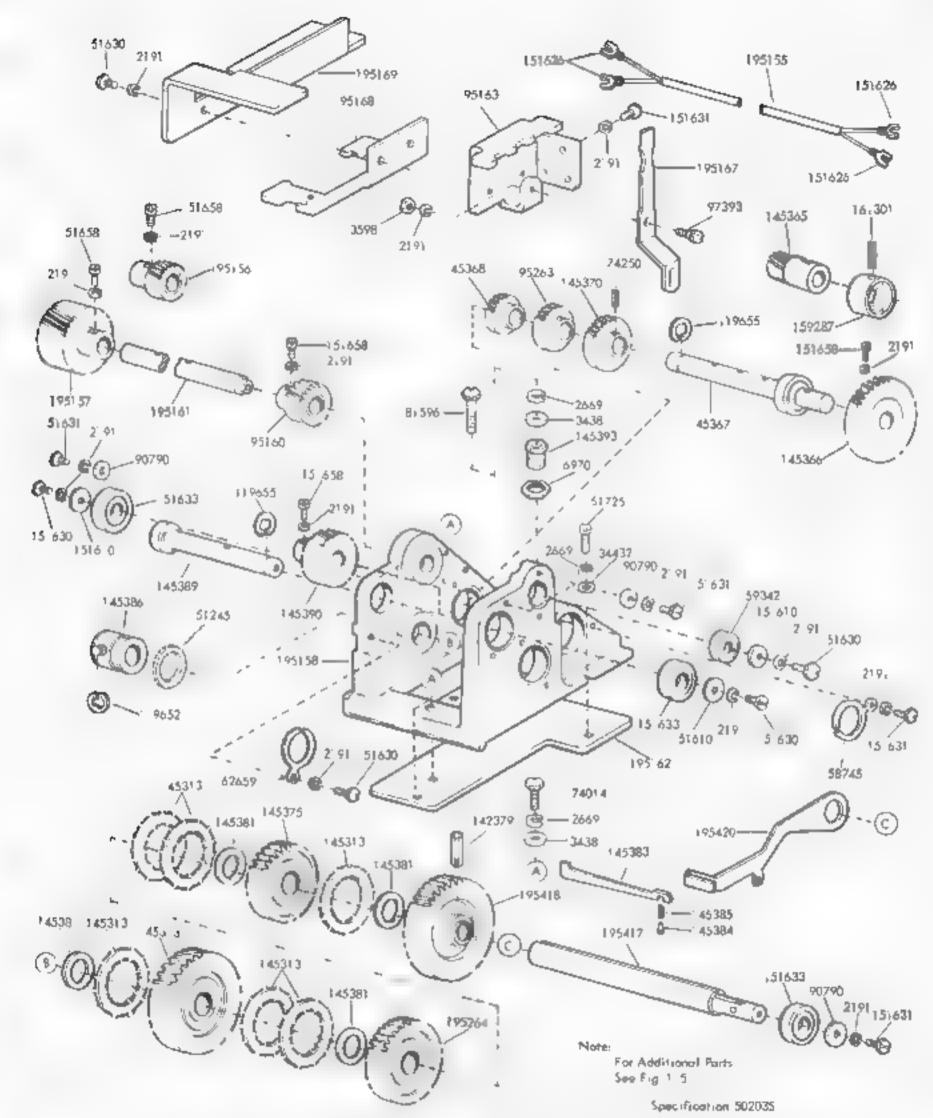
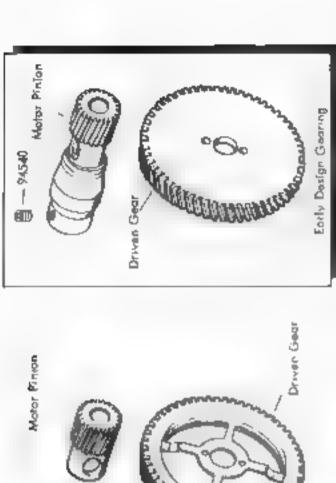
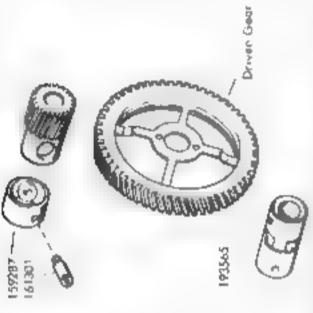


FIGURE 1-48. 195154 MODIFICATION KIT TO ADD THREE SPEED GEAR SHIFT TO KEYBOARD





88/529 75 8 50	170089 70185-257 70186-1197 59287 161301		170189	170187 [70188		#F17008B
100/600 75 7 50	163461-187 163463- 247 63462-137 163464-1047 59287 159287 16130 161301	178769 78770-23T 178771-461				
66 400 7 50 7 50	163461-187 63462-1371 59287 16130	178772 178773-20T 178774-60T				
61.364 45.5 7.50	73795 173794 - 4f 73793-100T 59287 16-301	159882 16 357 198056 159883 163454 158029 16 356 158028 58027 17877-5 178772-201 155996-13T 61333-01 (98057-19T 155999-34T 63453-56T 158006-44T 61330-49T 158004-47T 158001-33T 178777-56T 178774-60T				
,00/600 74 2 110 7 42 11.0	159278-147 194925 15928-177 159284-201 173794-4ff 59278-19475-4ff 159282-977 159285-847 173794-4ff 159287 159287 159287 159287 159287 159287 159287 159287 159287 159397 159397	58027 158002 117 158001-33T	70293-111 170297 -491	63025 1630-5-287 630:9-497	*16 841	## 70100
75 460 56 88 7 42	16 294 15928 -177 -59282 -937 -9287 -61301	158028 158003-120 158004-470		63024 1630 9 217 163020-487	*161860	
67 404 50 7 42	194927 194925 3T 194926-011 159287 161301	16 336 16133 -117 161330-49f	1951-46 INS 44.1 T 1951-45-49T	195 84 95182-201 195183-521	F) 94928	1198147
60 368 45 5 7 42	159278-147 59279-967 159287 16 301	158029 158005-91 158006-441		163502 163023 195 84 63024 63025 163501 301 163021-147 95182-201 1630 9 211 1630 5-287 163500-527 163022-401 195183-521 163020-487 630 8-497	*161859	
107 643	198053 63363-747 98035-290 163464-1047 59287 59287 61301 6.301	163452-201 163452-201 63453-561	199090-20T	163502 163501-307 163500-527		
106 636 74 2 7 00		155908 77 155909 77 155909-347				
91 468 7 00 7		198056 198057-197 155999-347				
71 428	163504 163461-187 63462-1.77 59287 6130)	16 357 61333- 01 16 332-427		163457 63455-207 63456-527		
45 390 45 5 7 00	173795 173794-141 673793-1001 59297 16130	155946-13T 155996-13T 155997-601		173992 73993, 41 173994-401		
WPM, OPM Boud Unit Code	Keyboard (LAK) Geor Set Includes Includes Port (2)	TD Sing a Bore (LCX8) Geor Sal ne udetr	Oug 10 bare (LCX8) Gear Set no udes:	Reperforator (LPR or Gwar Set LRPE) no udes -	ASR Geor Set (w/Single TD)	ASR Great Set (w/Duot TD)

ACCXB Gedr Ser Matter advanced to the control of th

FIGURE 1-49. GEAR SETS

when replacing an edily tyte gear set). Pincludes kayboard in gie 10 base and reperforator gear sets. Mincludes keyboard, dual 10 base and reperforator gear sets.

*Includes keyboard and sing a TD gear sets on y

TD gear sets and the 193565 coupting (required

Keyboard Bases (LAK) and Associated Cabies

Keyboord

Cable

158246

158248 158249

DAYS.

LAK4 LAK6 Autiliary

Switch

Савге

158244 158222 158224 Wiring

D'iogram

3261WD

3262WD 330ZWD

	LAK6	158249	158224	3302WD	
	LAK7	160375	160393	3458WD	
	LAK9	162351	162352	3636WD	
	LAK10	162571	162572	3673WD	
	LAKIT	163167	158224	3724WD	
	LAK16	158249	158224	3772WD	
	LAK17	164082	160433	3767WD	
	LAK18	164288	164409	3802WD	
	LAK20	144741		421 3WD	
		144995]	
	LAK21	173454	174314	4263WD	
	LAK22	178786	158222	4708WD	
	LAK23	158249	158224	4321WD	
	ŁAK25	158249	158224	3302WD	
	LAK26 LAK27	160324	158224	3447WD	
	LAK28	158249	179621	4338WD 4748WD	
	LAK29	165694	162572	4915WD	
	,AK30	162571	102572	3673WD	
	LAK31	158249	158224	4927WD	
	LAK600	170342		4176WD	
	LAK601	170342		4176WD	
		73222			
		173232			158281 (32 Ph;
52467	LAK800	170342		3793WD	(170320 (24 Ph)
THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW	LAK801	170321		3793WD	
13000		170342			· ·
154874 154873	Siere Siere	155754 158 63 54156 54173	161238	64495	Steeve Inside Length S5750 3, 32" i /2" 155751 1 8" 1" 55752 5/64" 1/2" 55753 1/8" /2" 155754 1/16" /2"
	15' 626	3	YBOARD	CABLES	J5755 . 1 '64° , 5.'8"

CHANGE 8

1169B

NUMERICAL INDEX - SECTION 1

1904	Port Number	Page Number	Port Number	Description and Page Number	Part Number	Page Number	
229M	10414		FEAAD		naca.		
22039 Co Magner 1-32				,		- 4	
260M. Co. Mognet 1-32					59117		
Mondary Figs 1 - 23				a ar	01125		
2020 Screw w -6-40 s 1/4 fees 1-12 23/17 Spring 1-29 23/19 Screw (6-40 s, 5/16 Fee) 1-10 23/19 Screw (6-40 s, 7/16 Fe) 1-25 1-26 Screw (6-40 s, 7/16 Fe) 1-25 1-26 Screw (6-40 s, 7/16 Fe) 1-25 1-26 Screw (6-40 s, 1/2 Fee) 1-10 Screw (6-40 s, 1/2 Fee)							
18				-			
1 8							
1 63							
1							
1-26							
1-21, 1-35, 1-37 1-26 1-26 1-27 1-26 1-27 1-28 1-28 1-28 1-28 1-29 1-29 1-29 1-29 1-29 1-29 1-29 1-29							
72 Senius (2-56 to 5/9 ft) 1-23,1-25 74755 Termonal 1-7 i. 27 98276 Senius (3-67 to 1) = 10 74755 74755 Senius (3-67 to 1) = 10 74755 74857	0	4.					
1244 Serve	12.0			_			
1299 Serve 4-40 x 1 = 10 1 - 10 1 = 10							
1-92 Straw id=0 x p Fit 1-20, 1-21	_						
2 9. Worker, Lock 1-2 to 1-8, 1-10 to 6. 18 to 1 24 - 26 28 28 49 1-39, 1-48 to 1 14 - 26 28 48 5 19 1-49 1-49 to 1 14 - 26 28 49 1-59 1-49 to 1 14 - 26 28 49 1-59 1-49 to 1 14 - 26 28 49 1-29 1-49 to 1 14 - 27 28 10 10 14 - 27 28 10 10 14 15 12 1-29 11 13 1-29 29 10 14 15 12 1-29 11 13 1-29 29 10 14 15 10 10 14 15 11 1-20 15 10 14 15 15 10 14 15 15 10 14 15 15 16 14 15 15 16 14 15 16 15 16 14 16 15 16 14 16 15 16 14 16 15 16 14 16 15 16 14 16 15 16 14 16 15 16 14 16 15 16 14 16 15 16 14 16 15 16 14 16 15 16 14 16 15 16 14 16 15 16 16 16 16 16 16 16 16 16 16 16 16 16			r -000				
4 6 18 to 1 24 - 26 28 7 8732 Screw (4-40 x 5/8 Fil. 1-39 100554 Whother, Filer 1-2 2 2434 Service (4-40 x 5/8 Fil. 1-39 100554 Whother, Each 1-30 x 32 2431 Whother, Lack 1-33 2631 Whother, Lack 1-33 2631 Whother, Lack 1-33 2631 Whother, Lack 1-34 27-34, 1-37 25 25 25 25 25 25 25 25 25 25 25 25 25	_		74807				
eq. 1-39, n.4 for 1-43 2415 Sang 1-12 1-13, 1-29 75437 Wather, suck 1-23 24281 Wather, suck 1-23 2429 Wather, suck 1-23 2430 Wather, filed 1-30, 1-32 2431 Wather, filed 1-30, 1-32 2439 Nut (6-40 Mart) 1-2, 1-4, 1-8, 1-9, 7004 1-13 to 1-16, 1-16, 1-20, 7009 1-31, 1-38, 1-39 - 4-3 3599 Nut (6-40 Mart) 1-2, 1-4, 1-3, 1-9, 7004 3-399 Nut (6-40 Mart) 1-19, 1-23, 1-20, 1-20, 1-20, 1-20, 1-20, 1-21, 1-32, 1-33, 1-34, 1-35 3599 Nut (6-40 Mart) 1-19, 1-23, 1-20, 1-30	. ,,					1 8"	
2415 Spiring 1-12 1-13 1-29 75:435 Resistor (600 Chm) 1-39 100/701 Screw (4-40 x 9, 32 x 1 - 39 8 12 + 1-30							
2481 Weather Fint 1-30 1-32 2699 Weather Fint 1-30 1-34 2799 2699 Weather Fint 1-32 2699 269	2415		_				
2481 Weather, Joseph 120, 11–23, 20–194, 37, 379 3438 Weather, Joseph 120, 11–30, 11–32 3439 Weather, Joseph 120, 11–30, 11–30, 11–30 3598 Novi (6-40 Hear) 1–26, 1–30, 12–30, 12–30, 12–31, 1–32, 1–32, 1–30, 1–30, 1–30, 1–30, 1–30, 1–31, 1–31, 1–31, 1–31, 1–31, 1–31, 1–31, 1–31, 1–31, 1–31, 1–30, 1–30, 1–30, 1–30, 1–31, 1–31, 1–32, 1–3							
2669 Wolher Lock -2 10 -10							
3438 Wigher Flor 1-2, -3, -4, -4,1, -4, 76402 3998 Nur (6-40 Hes) 1-2, 1-4, 1-8, 1-9, 76402 3999 Nur (6-40 Hes) 1-2, 1-4, 1-8, 1-9, 77039 3999 Nur (6-40 Hes) 1-19, 1-20, 1-19, 1-20, 1-20, 1-13, 1-3, 1-36,							
3.998 Nutr (6-40 Hext) 1-2,1-4,1-8,1-9, 7.904 Pin, Corter in-34 106370 1.13 m 1-16 6-19 7-26,1-30, 7.7970 57299 6-40 m 1-15/16 6-11 1-38 1.0435 10.0435							
1-13 to 1-16, 1-8, 1-19, 1-26, 1-30, 77737 Subshing, Contoct Insulating 1-7 109356 Worker, First 1-6 131, 1-38, 1-39, 1-							
1-31,1-38,1-39	44.4						
3999 Nut (4-40 Hex) 1-6, 1-16, 1-20, 1-20, 1-20, 1-21 1-23, 1-23, 1-24, 1-23 1-25, 1-25 1-23, 1-25, 1-							
3606 Nut 6-40 Hext) 1-19,1-23,1-26, 80302 Spring 1-19 18,1-22 110743 Wesher, Flot 1-24, 1-34 80381 Spring 1-18,1-27 1110743 Wesher, Flot 1-24, 1-34 80381 Spring 1-18,1-27 1110743 Wesher, Flot 1-24, 1-34, 1-30 Hext) 1-22,1-25 1-30,1-31,1-34, 1-30 Hext) 1-23,1-24,1-24,1-39 Hext) 1-23,1-24,1-24,1-39 Hext) 1-24,1-39 Hext) 1-23,1-24,1-39 Hext) 1-24,1-39 Hext) 1-24,1-37,1-38 Hext) 1-24,1-37,1-37,1-38 Hext) 1-24,1-37,1-38 Hext) 1-24,1-37,1-37,1-37,1-37,1-37,1-37,1-37,1-37	3599						
Some (4-40 1-79,1-23,1-26) Source (4-40 15,732 Fil)] -6 1-30 1-30 1-31,1-24, 1-30 1-30 1-30 1-30,1-31,1-24, 1-30 1-30 1-30,1-31,1-24, 1-30 1-30,1-31,1-24, 1-30 1-30,1-31,1-24, 1-30 1-30,1-31,1-24, 1-30 1-30,1-31,1-24, 1-30 1-30,1-31,1-24, 1-30 1-30,1-31,1-24, 1-30 1-30,1-31,1-24, 1-30 1-30,1-31,1-24, 1-30 1-30,1-31,1-24, 1-30 1-30,1-31,1-24,1-30,1-31,1-24,1-30,	•••						
1-30	3406						
3624 Wesher, Flot 1=34 3639 Wesher, Lock 1=2,1=5 3640 Wesher, Lock 1=21-5 3640 Wesher, Lock 1=36 3650 Wesher, Lock 1=36 3870 Spring 1=42 3870 Spring 1=2,1=16 3870 Spring 1=6 38778 Wesher, Flot 1=13 3870 Spring 1=6 3870 Spring 1=6 3870 Spring 1=2,1=16 3870 Spring 1=16 387							
3649 Weether, Lock 1-2,1-5 3640 Weether, Lock 1-6,1-15,1-19 hr 1-23 1-26 1-27 1-29,1-31 1-32 3640 Weether, Plot 1-32 3640 Weether, Plot 1-32 3870 Spring 1-3 3670 Spring 1-3 3870 Spring 1-3 3	3624				111017		
Second Control Contr							
1-23 1-26 1-27 1-29,1-31 1-32							
1-43 1-37 -37 -47 -48 61726 6172	•••						
3650 Wosher, Riol 1-42 8770 Spring 1-2,1-16 8770 Spring 1-16 8 836 8774 Wosher, Flot 1-11 8770 Spring 1-16 8 836 8774 Wosher, Flot 1-13 8 112626 8 Nut (10-32 Heat) 1-4,1-16,1-36 8 836 8		-36 -37 -37 -4 1-42		[ad]			
3650 Wosher, Field 1-42 81731 Spring 1-6 1231 2128 Rangemen 1-26 1-31 12428 Screw (6-40 x 3/4 Field 1-10 12628 Nut (10-32 Heat) 1-4,1-16,1-36 12628 Nut (10-32	3646	Washer, Lock 1-38	61726	Terminal, Contact 1-32	112127	Fo: lower 1-26,1-3]	
4702 Spring 1-16	3650		81731	Spring 1-8	1 2128	Performer 1-26 1-31	
### A 1703 Spring 1-33 Spring 1-33 Spring 1-34 Spring 1-4 Spring Spring 1-2 Spring 1-	2870	Spring 1-2,1-16	81774	Wosher, Flat 1-11	112498	Screw (6-40 x 3/4 Figs: 1-10	
Ay70 Nut (3/8-32 Hext, 1-4,1-42,1-43 82547 Involotor 1-7 -26 1-31,1-32 112630 Spring 1-4	4702	Spring 1-16	8 836	Wosher, Flot 1-38	112626	Nut (10-32 Heg) 1-4,1-16,1-36	
Property					112627	Nut (2-56 Hex) 1-29,1-3 , =34,1-37	
1-11 to 1-15,1-20 to 1-24,1-26 1-28 to 1-22,1-24 to 1-39 1-42 8288						Spring 1-4.	
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SECTION 2

PERFORATOR (LPE NON-TYPING - LTPE TYPING)

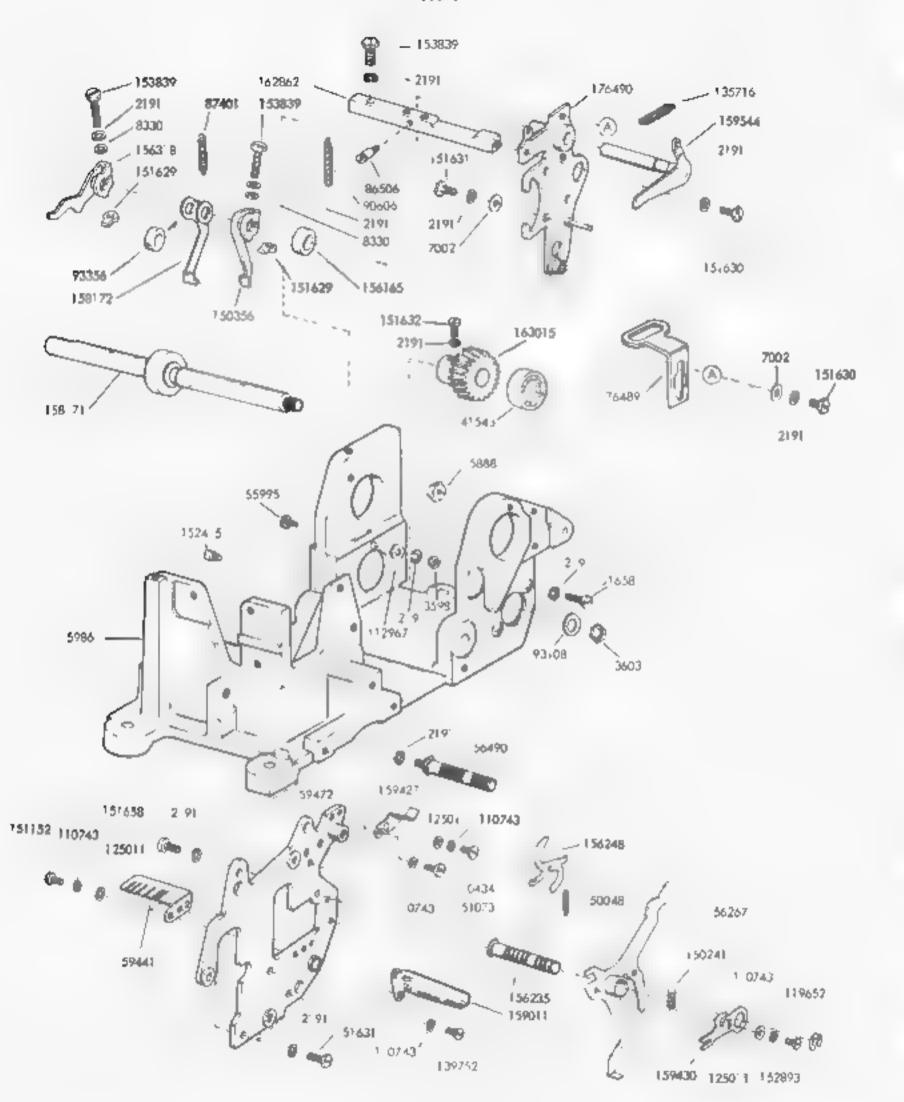


FIGURE 2-1, FRAME MECHANISM (TYPING PERFORATOR)

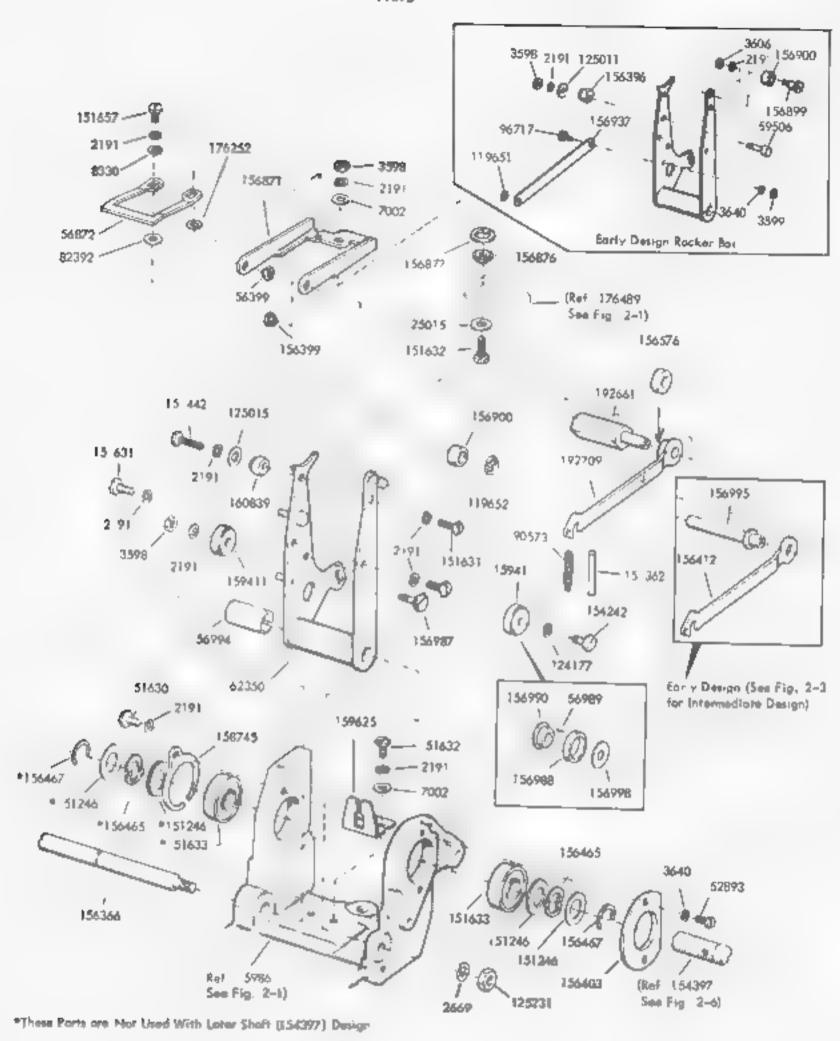


FIGURE 2-2. FRAME MECHANISM (TYPING PERFORATOR)

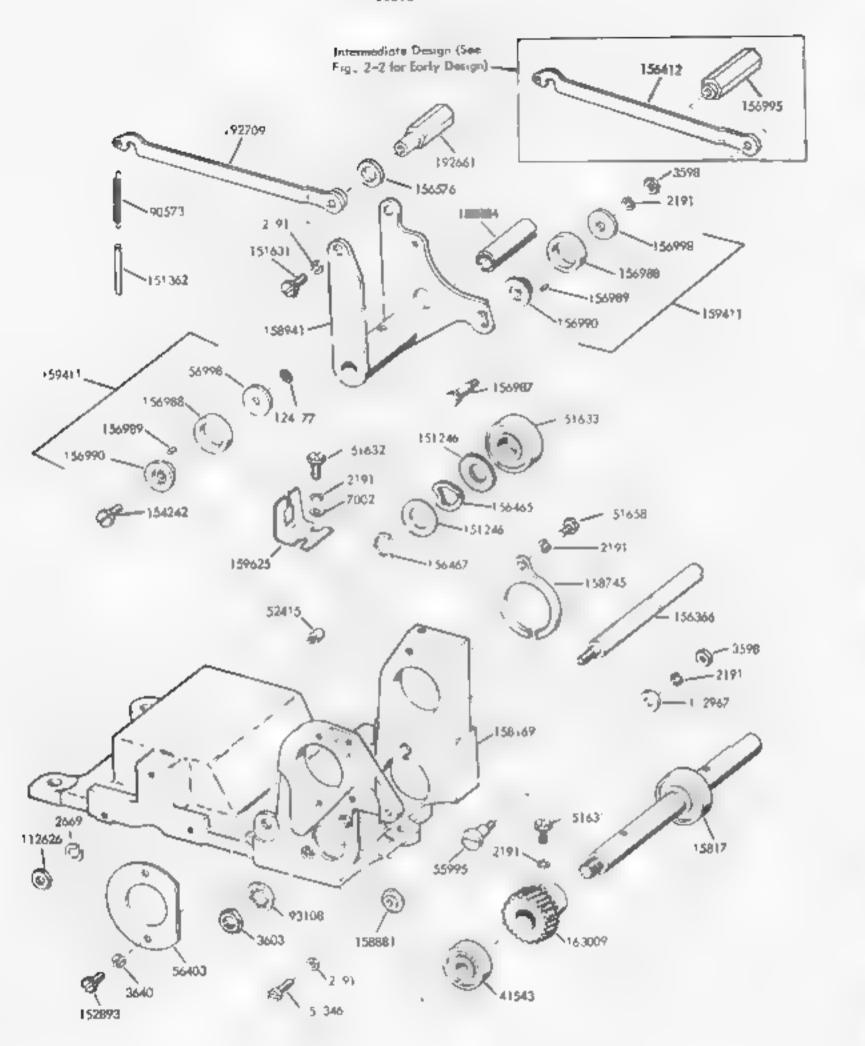


FIGURE 2-3. FRAME MECHANISM (NON-TYPING PERFORATOR)

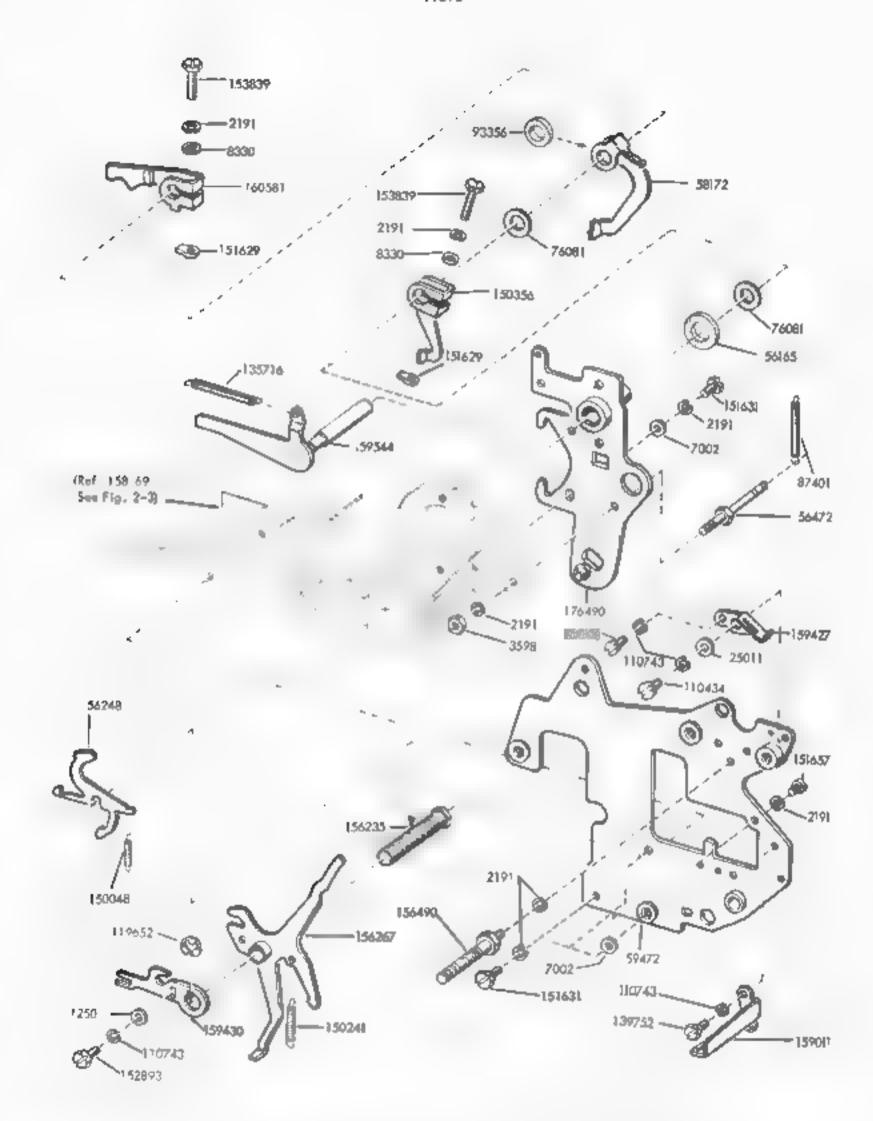


FIGURE 2-4. FRAME MECHANISM (NON-TYPING PERFORATOR)

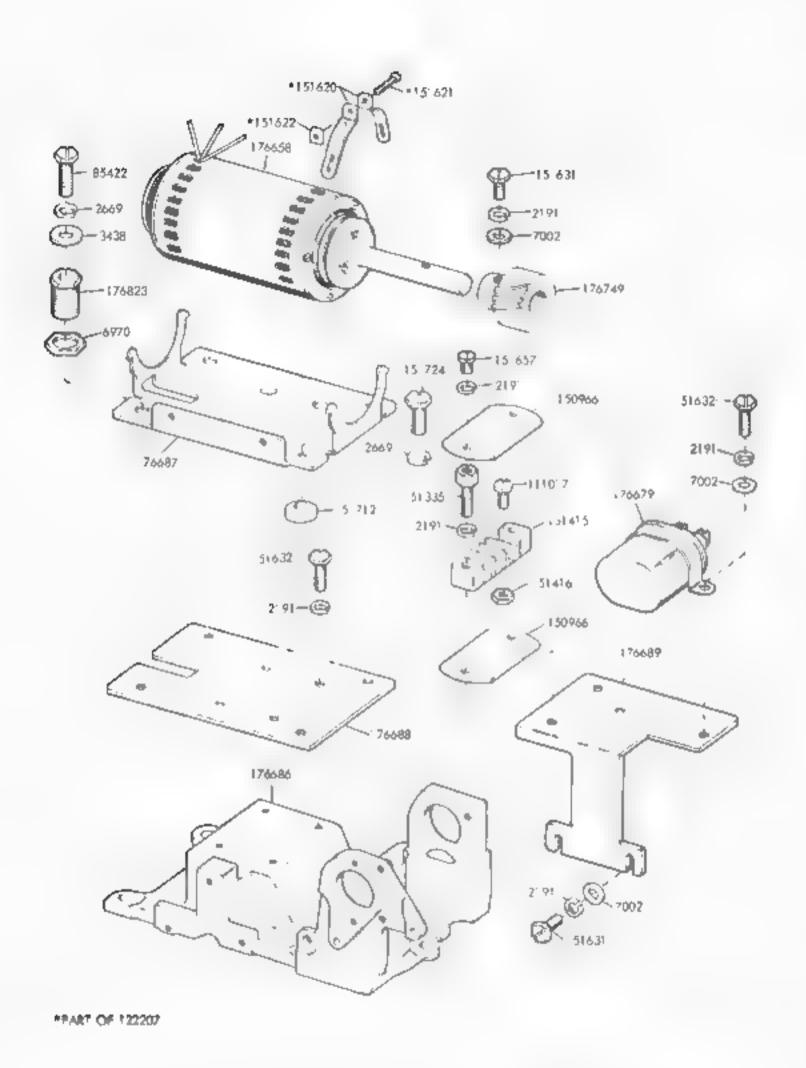


FIGURE 2-5. FRAME AND MOTOR MOUNTING PARTS (NON-TYPING PERFORATOR)

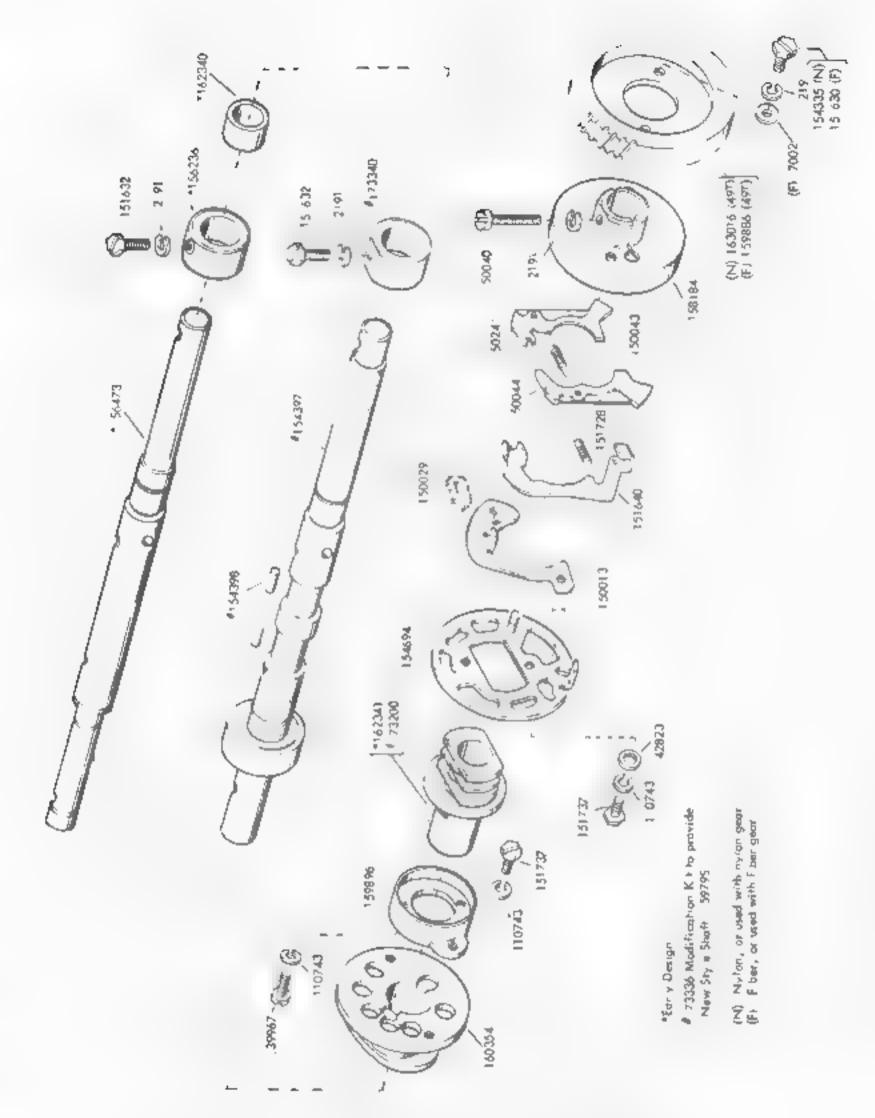


FIGURE 2-6. MAIN SHAFT MECHANISM (TYPING PERFORATOR)

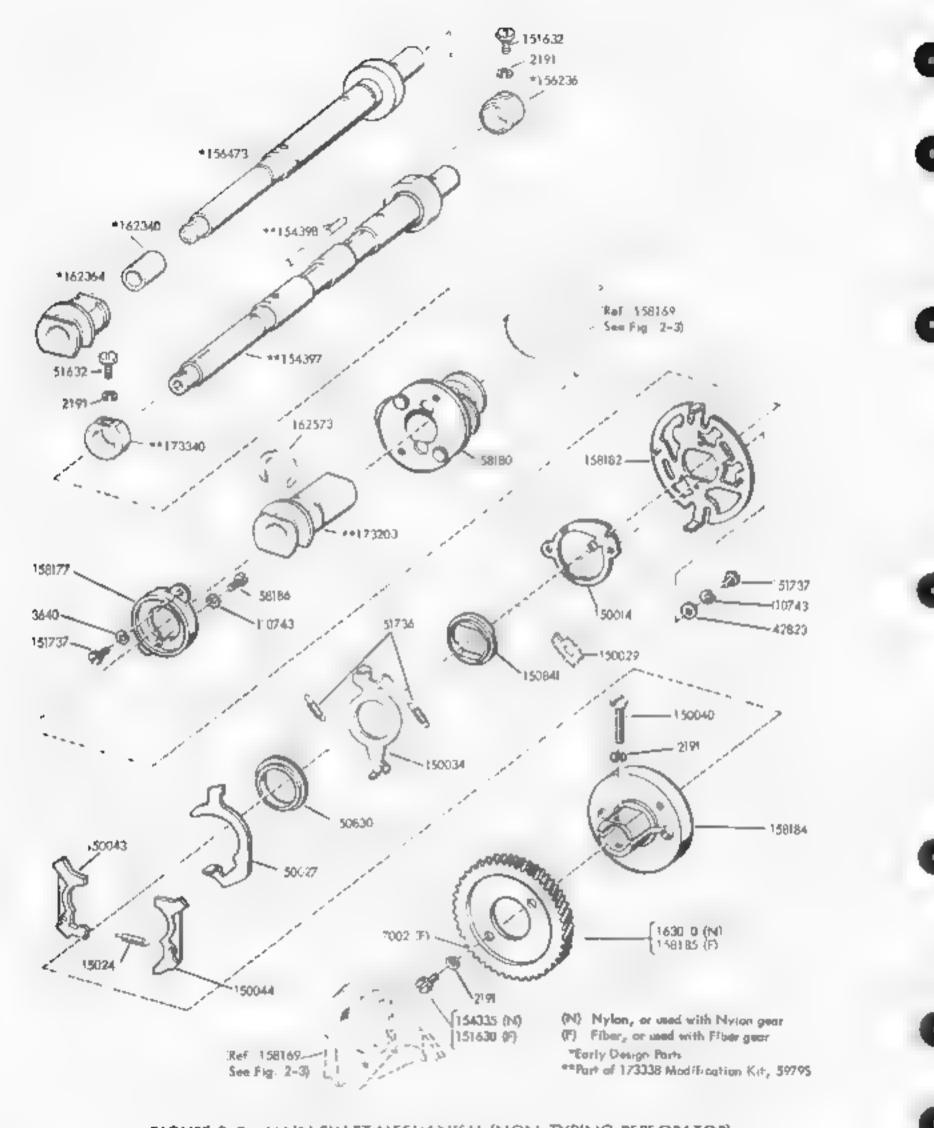


FIGURE 2-7. MAIN SHAFT MECHANISM (NON-TYPING PERFORATOR)

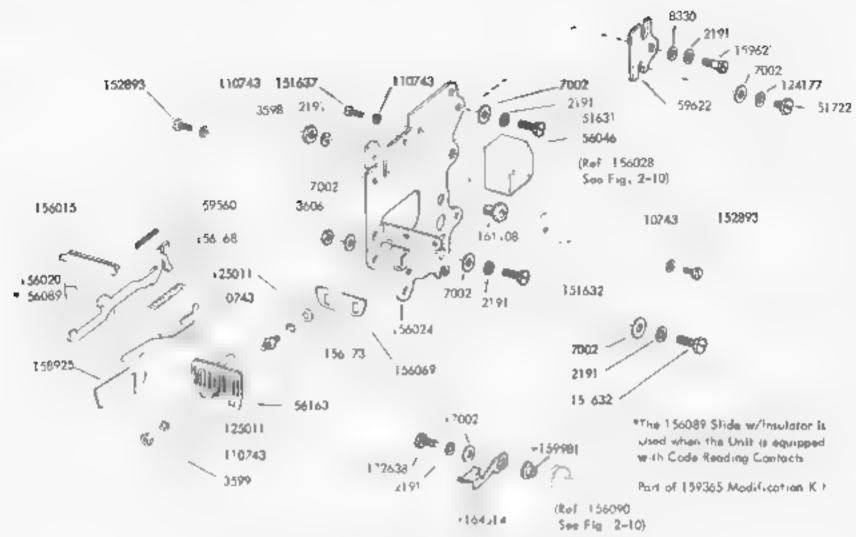


FIGURE 2-8. PUNCH REAR PLATE MECHANISM

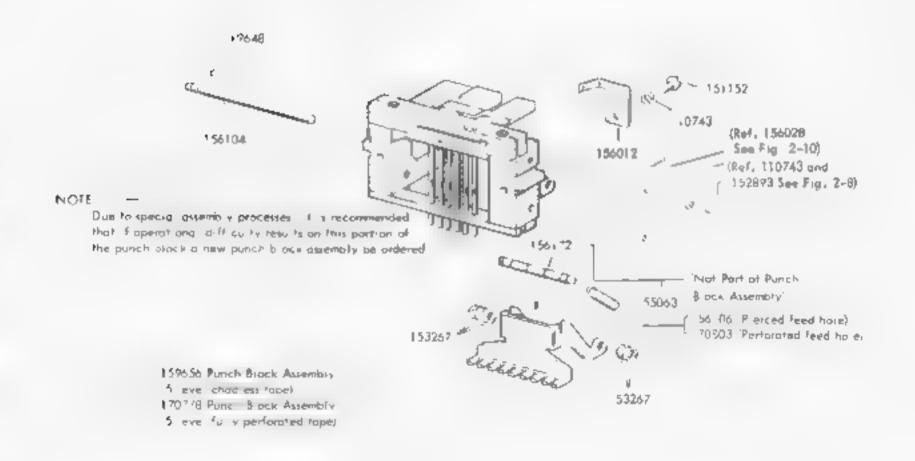


FIGURE 2-9, PUNCH BLOCK ASSEMBLIES

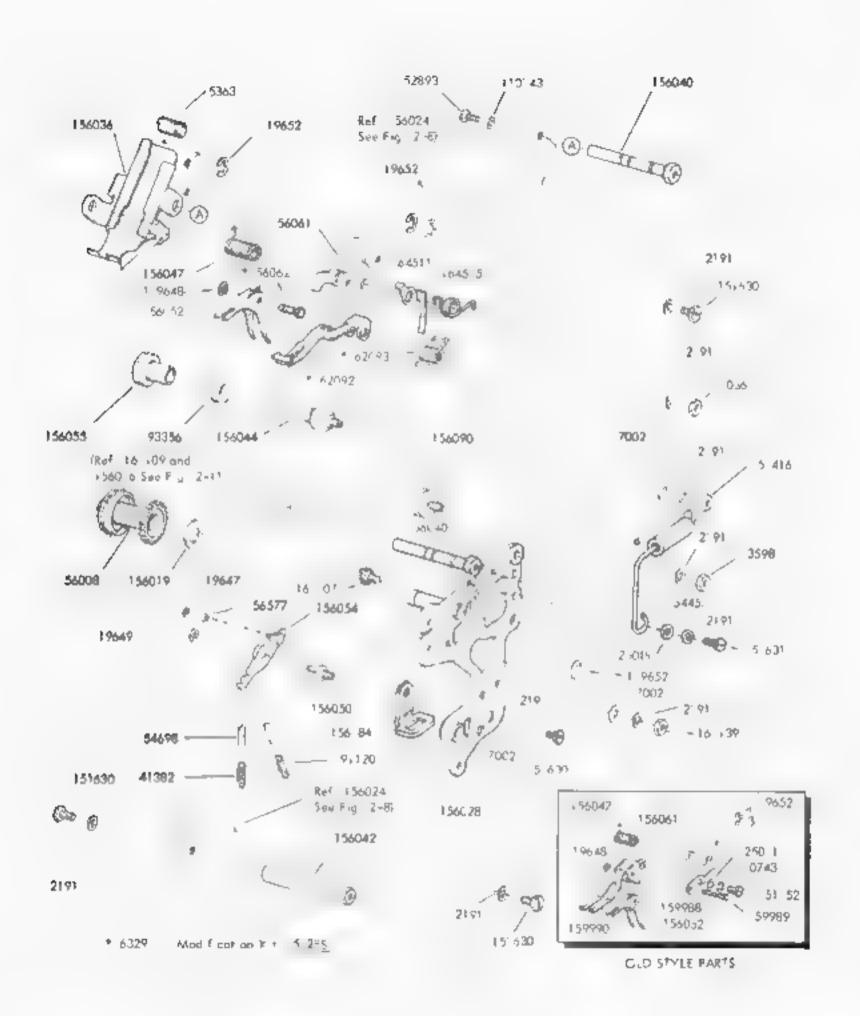


FIGURE 2-10 PUNCH BLOCK PLATE MECHANISM

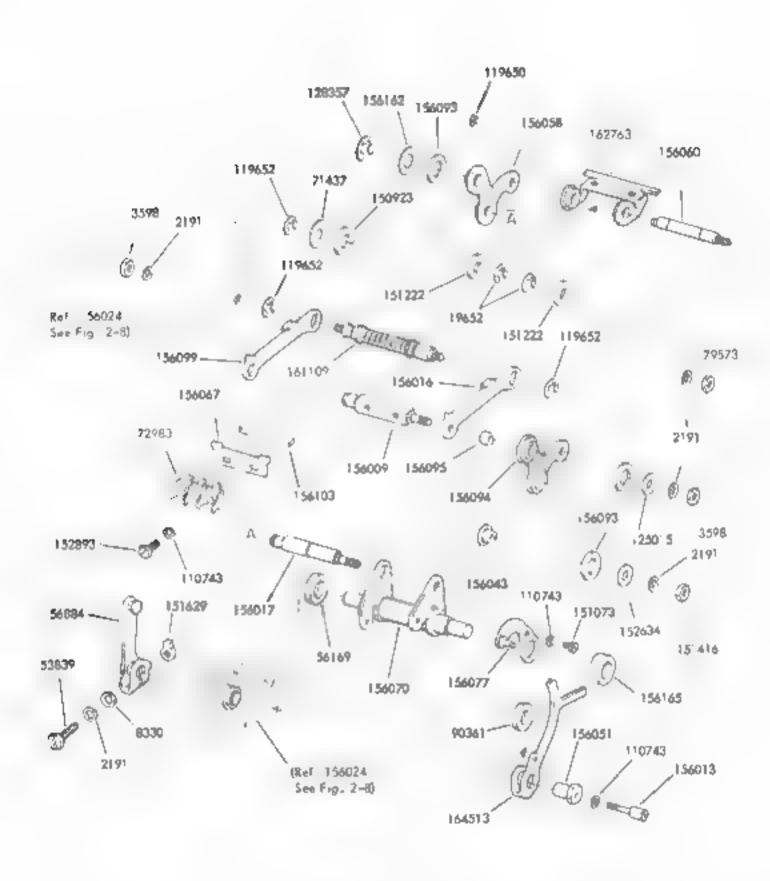


FIGURE 2-11. PUNCH BAIL MECHANISM

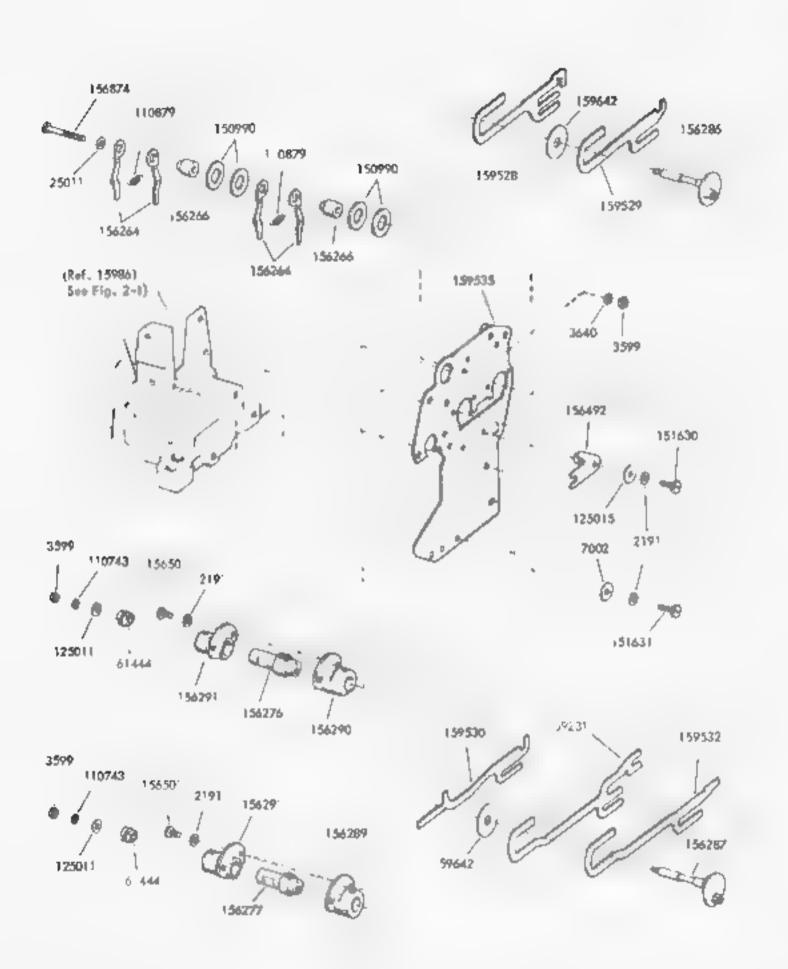


FIGURE 2-12 ROTARY POSITIONING MECHANISM

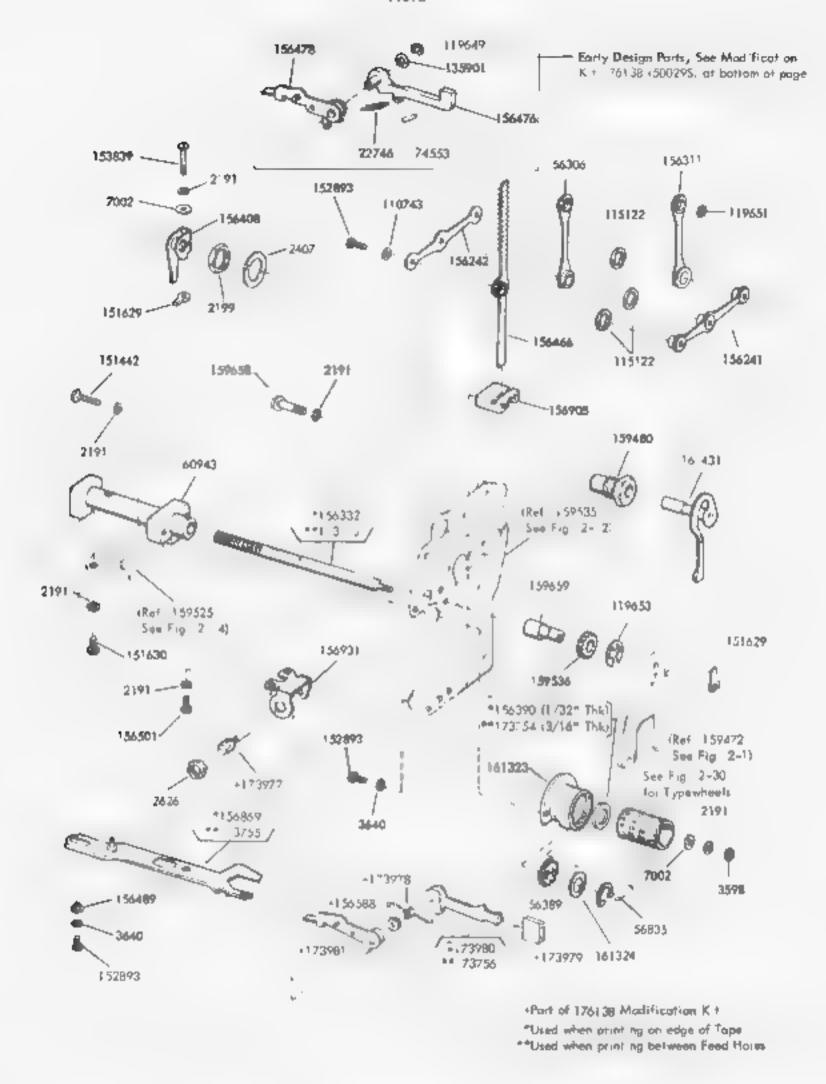


FIGURE 2-13. ROTARY POSITIONING MECHANISM

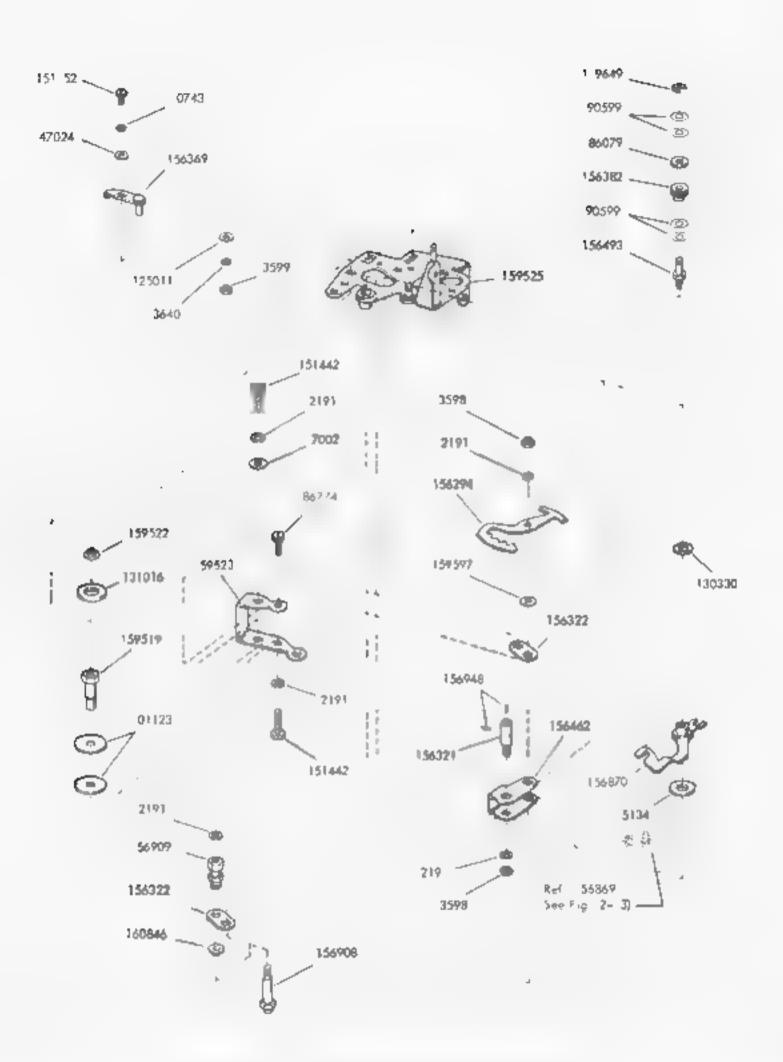


FIGURE 2-14. AXIAL POSITIONING MECHANISM



FIGURE 2-15. AXIAL POSITIONING MECHANISM

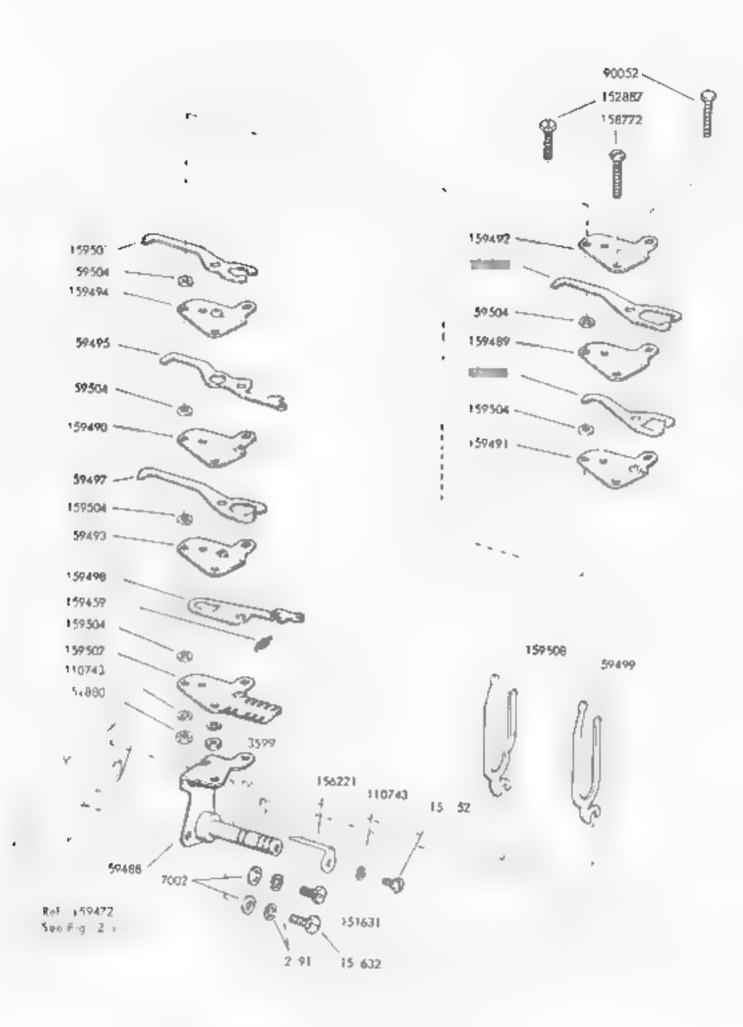
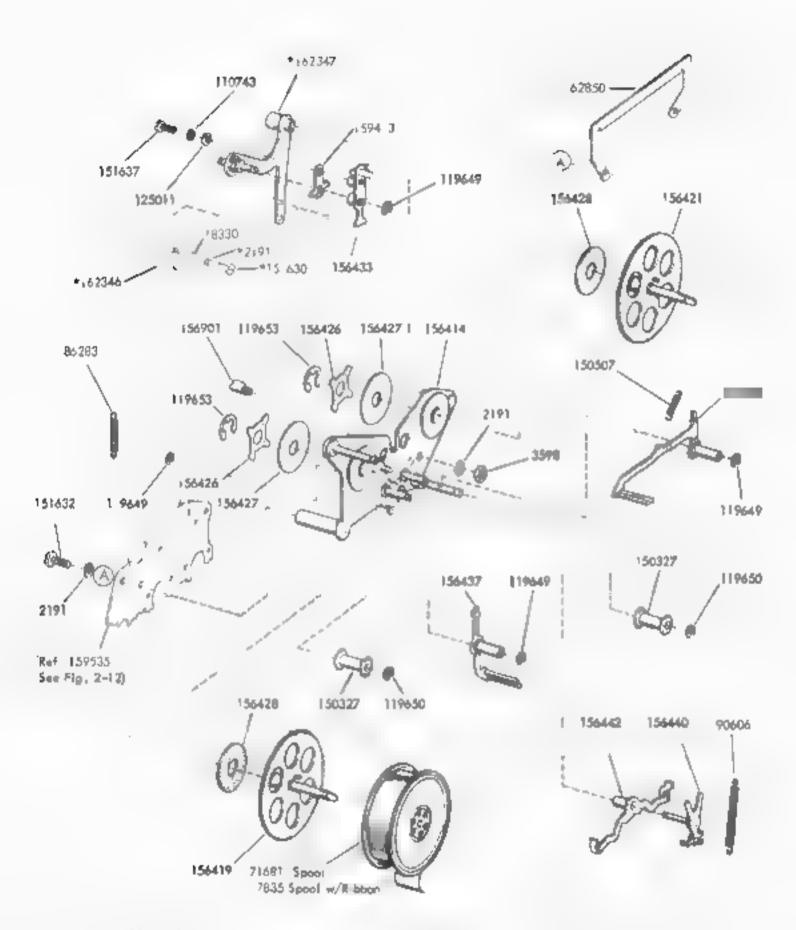


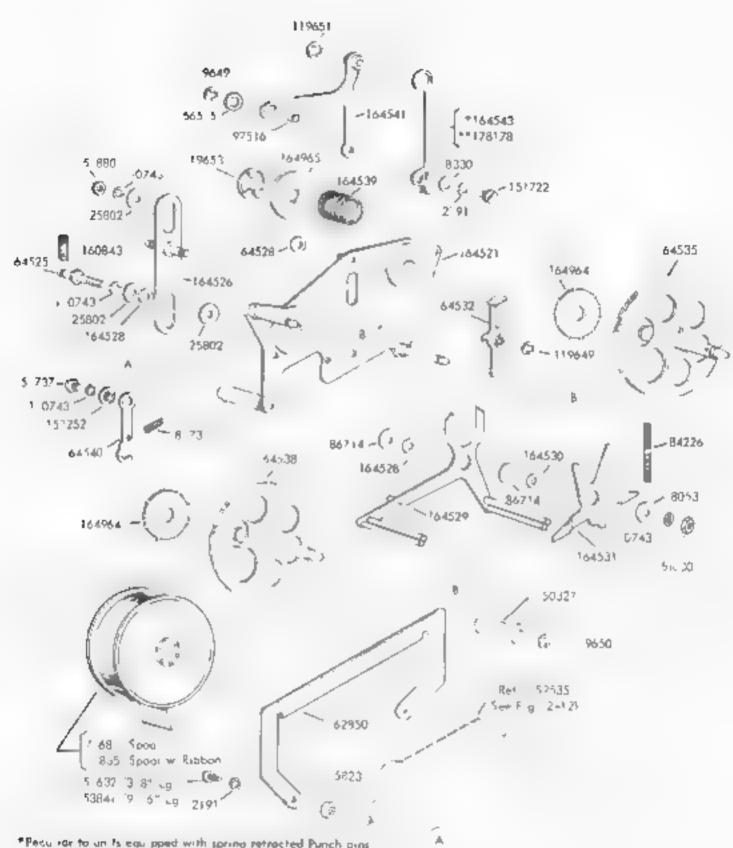
FIGURE 2-17. TRANSFER MECHANISM



*Part of 154325 Modification K t

For Lettest Design Ribbon Feed Mechanism See Figure 2-19

FIGURE 2-18. RIBBON FEED MECHANISM (EARLY DESIGN)



*Pecu rar to units equipped with spring retracted Punch pins
**Pecu rar to units equipped with power retracted Punch pins

For Early Design Ribbon Feed Mechanism See Figure 2-16.

 A 795 '9 Decaleomania which shows direction of "Ripbon to Ramer" is available.

FIGURE 2-19. RIBBON FEED MECHANISM (LATE DESIGN)

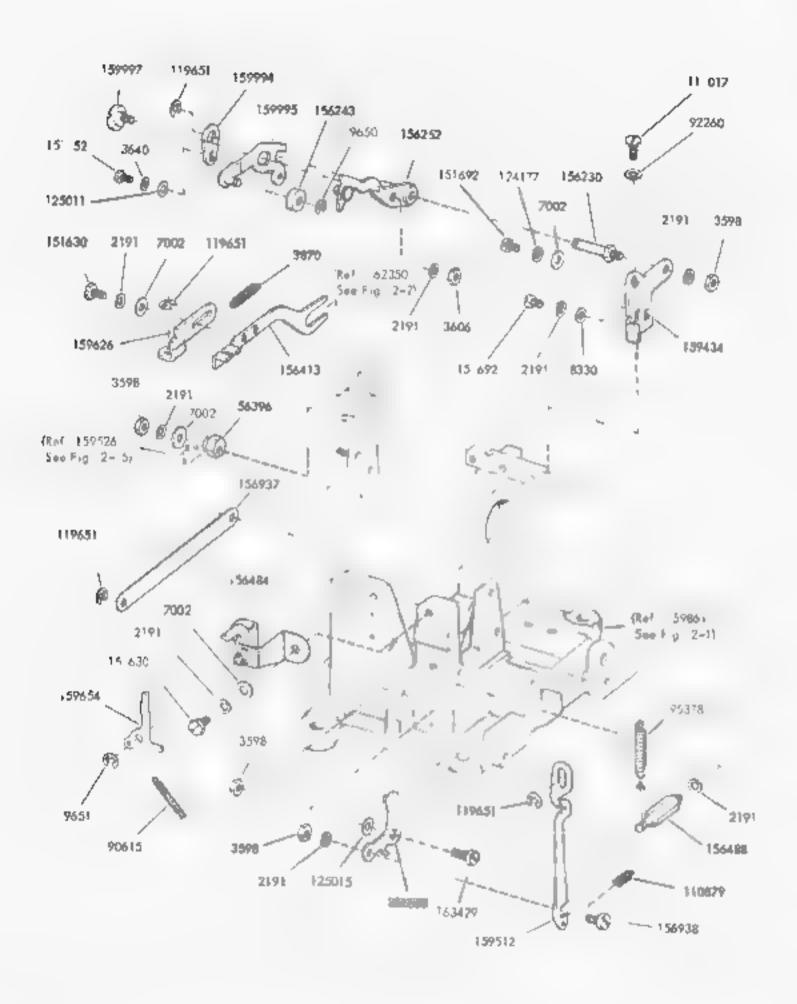
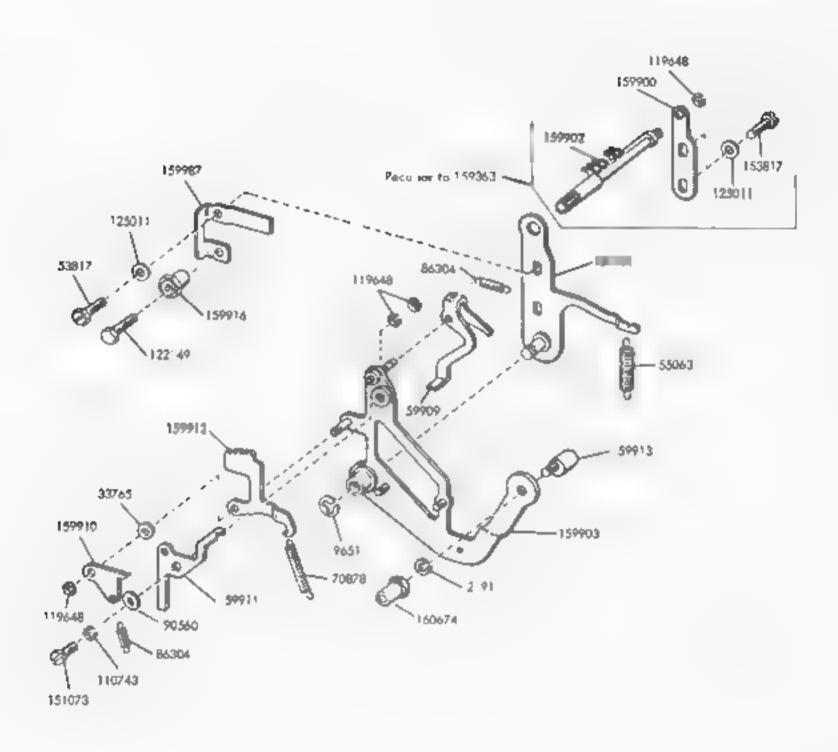


FIGURE 2-20. TYPING MECHANISM



159363 (Chadles Taps: 172640 (Fully Perforated)

FIGURE 2-21. 159363 AND 172640 MODIFICATION KITS TO ADD MANUAL BACKSPACE

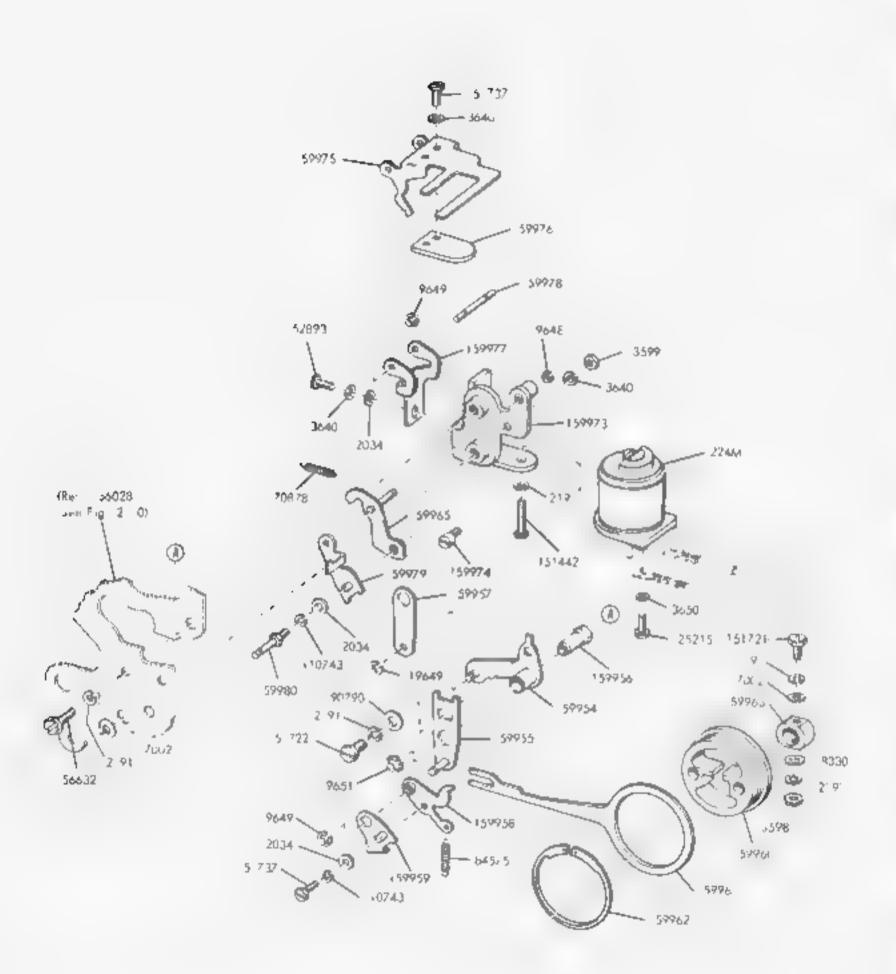


FIGURE 2-22. 159364 MODIFICATION KIT TO ADD POWER DRIVE TO BACKSPACE

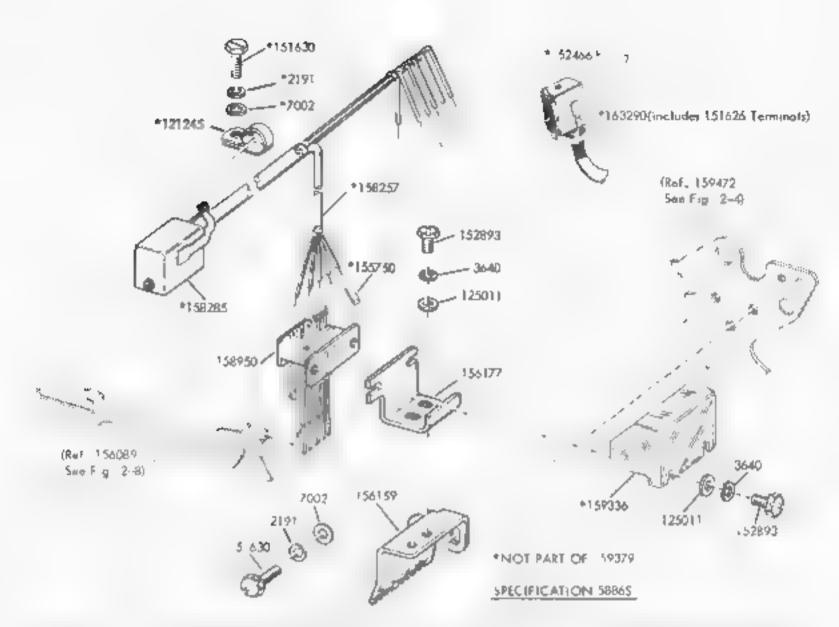


FIGURE 2-23. 159379 MODIFICATION KIT TO ADD "MAKE ONLY" CODE READING CONTACTS

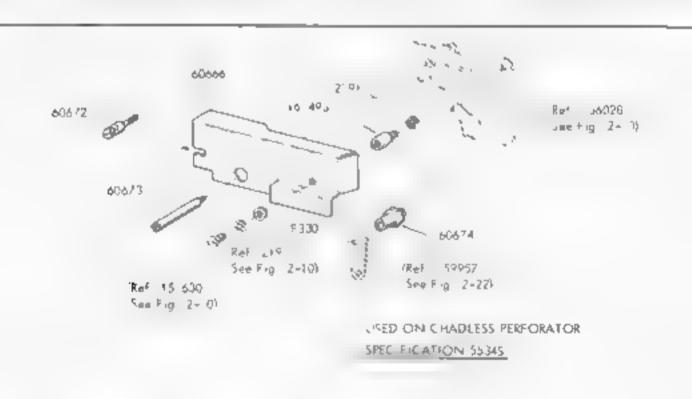


FIGURE 2-24. 160881 MODIFICATION KIT TO ADD GUARD TO COVER BACKSPACE MECHANISM

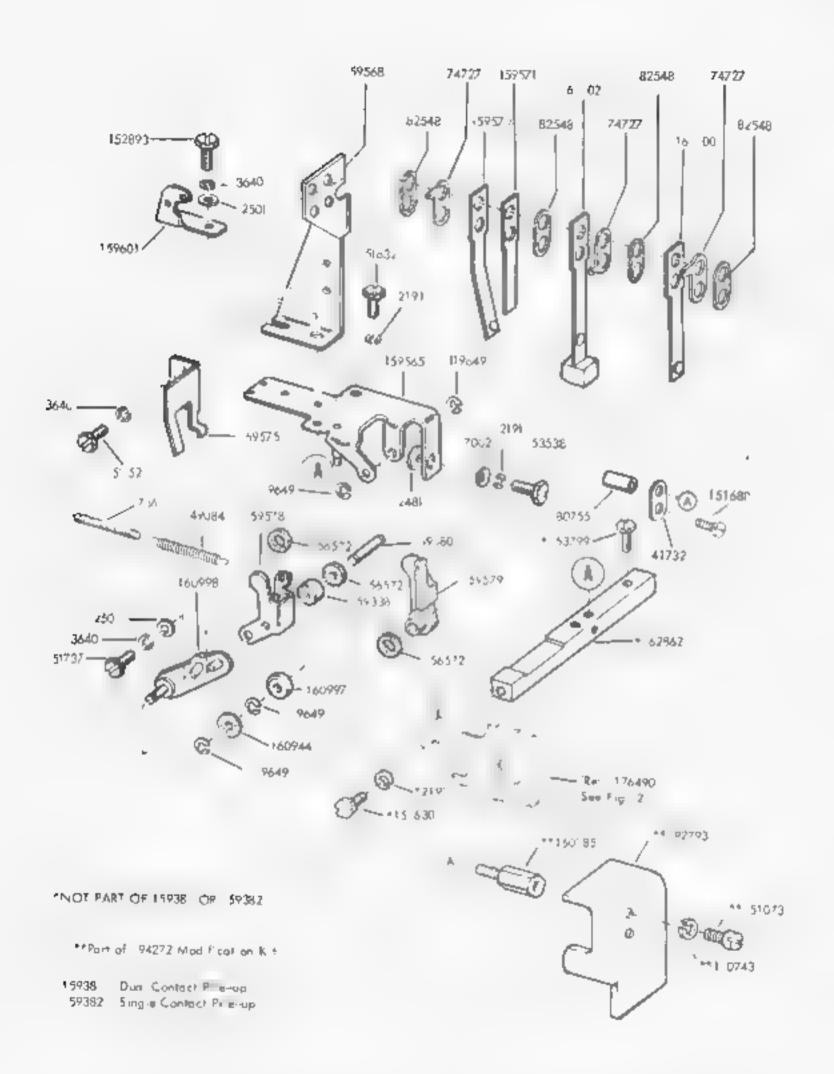


FIGURE 2-25. 159381 AND 159382 MODIFICATION KITS TO ADD AUXILIARY TIMING CONTACTS

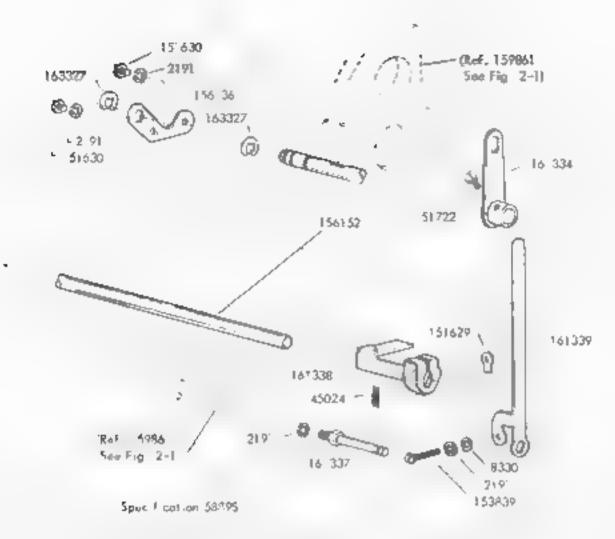


FIGURE 2-26. 161340 MODIFICATION KIT TO ADD MANUAL INTERFERING LETTERS TAPE FEED-OUT

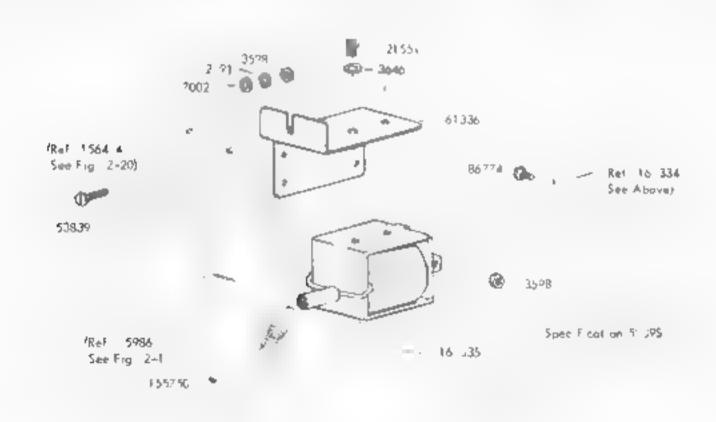


FIGURE 2-27 161341 MODIFICATION KIT TO ADD SOLENOID OPERATION TO LETTERS FEED-OUT

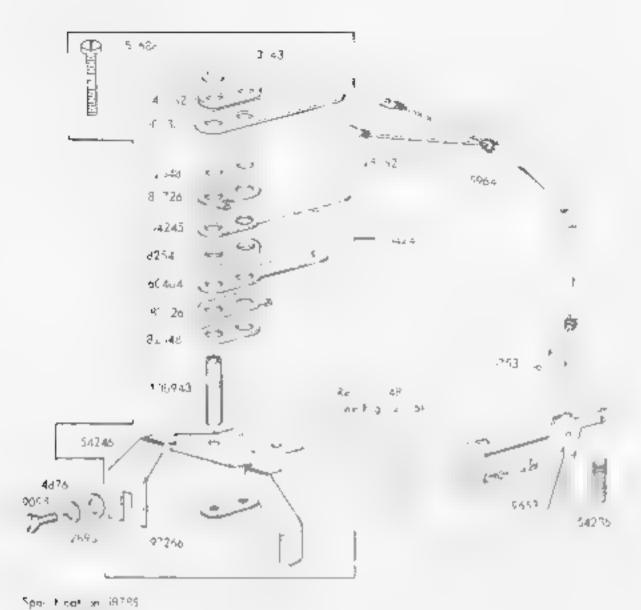


FIGURE 2-28 159360 MODIFICATION KIT TO ADD SIGNAL BELL CONTACT (ON UPPER CASE "S")

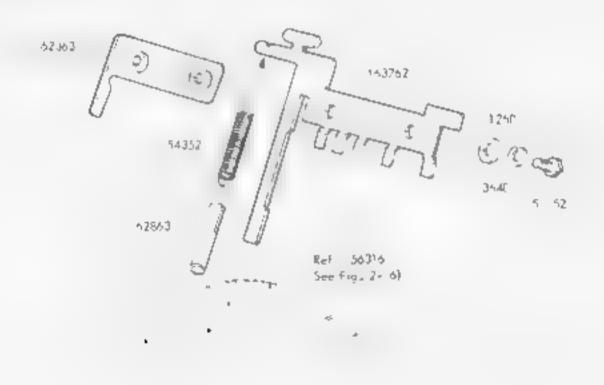
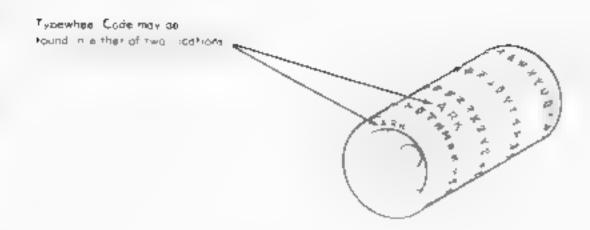


FIGURE 2-29. 162375 MODIFICATION KIT TO ADD "UNSHIFT ON SPACE"



System Arrold in J. A.
 A. Arrold in J. A.
 A. Arrold in J. A.
 System Arrold in J. A.
 System Arrold in J. A.
 Sel system Arrold in J. A.
 Sel system Arrold in J. A.

			TYPEAHE	EL CHART				
ζ.	Part	Motor ins A Eypepox		C le	Port N. Impe.	Ma ch Tile	Arran a , k	Mpi 1
	Printing on	Edge of Tape				ween Feed -		
A Box	F 1560 4			6814	-0-	4	T	
ANA	17,508			BR	1			
A-JF	1750 2			BRAS Y	9			
A DC	1 3502			are	13			
ARA	1 30 0	RA.	ARK	8-yA >	1"3 14	V, V		BRJ
A.R.	730%	RC	ARL	8 /3	3.5			Dr. Jr
ARE .	737 0	RE	ARE	8R8 5	. '(1			
ARTS	1.7 awas	RC-	ARG					
A4J	73968	R.F	YARA I					
Aq	4.34							
Alek	Jo							
4 RM	4.5- 2.5		841					
AR's	3.459	RS	ASM 1					
ARW	3/ //3	9.65	586					
ARX	3084	111	0.0	- 1				
ARY	43	74	8RC	,				
ARZ	j. 3	RZ	JEA					
A. Oak	7300	AY	. 6R.					
EWA.	-5585		1					
OWA	16368							
AWE	4 JORS	1						
A WE	3,190							
AWS	110							
AWU	1 id2							
AWX	75583							
AWY	× 5584							
AXW	E755 9							
SXA	5521							
AY8	75523							
AYX	75545							
AYZ	75547							
AZG	175554	1						
ALL	75556							
AZM	75559							
AZT	75565						- 1	
AZW	75568							

FIGURE 2-30. TYPEWHEELS

NUMERICAL INDEX - SECTION 2

Part Number	Description and Page Number	Part Number	Description and Page Number	Port Number	Description and Page Number
224M	Co., Mognet 2-22	90560	Washer, Flat 7-21	50043	Shoe, Secondary Clutch 2-7,2-8
-036	Not 6-40 Hex.] 2-10	90.573	Spring 2-3,2-4	50044	Shoe, Primary Clutch 2-7,2-8
2034	Washer, Fial 2-22	90599	Shirt (008") 2-14	50048	Spring 2-2,2-5
2 9	Wesher, Lock 2-2 to 2-25	2.31	Spring 2-2,2-18	50241	Spring 2-7,2-8
2 99	Nul (7/16-32 Hex) 2-13	90615	Spring 2-20	56327	Raster, Ribbon 2-18,2-19
2407	Washer, Lock 2- 3	20000	Washer, Flot 2: 22	5056	Laver, Trip. 2-2,2-5
2481	Washer, Flat 2-24	9095	Wosher, Lock 2- 6,2-26	5050-	Spring 2-16
2669	Washer, Lock 2-3,2-4,2-6	91120	Spring 2-10	50530	Bushing Shoulder 2-8
3438	Washer Flat 2-6	92260	Washer Lock 2-20	150841	Bearing 2-8
3598	Nut (6-40 Hex 2-2 to 2-5,2-9 to	350000	Washer, Lock 2-2,2-4	150906	Wosher Felt 2-11 Insulator 2-6
	2-11.2- 3 to 2-15,2-18,2-20,2-22	93356 95378	Washer, Fels. 2: 2,2-5,2-10 Spring. 2: 20	50%96	Wosher Felt 2- 2
	2 25	97266	Plate, Clong 2-26	2 073	Screw (4-40 x 5/32 f) , 2-2,2-5
3599	Nut 4-40 Hex) 2-9,2- 2,2-14	7.5.6	downing 2- 9	A 01.2	2 11 2 2 2-24
B4B3	2 5 2-17,2-22	0 23	Washin Fe / 2 14	5 +52	JC vm 4-40 p 5 46 Hek 2-22 9
3603	Nu) F/4-32 Hex3 7-2,2-4	38943	Bushing 2-26		2.12.2. 42. 62 1 2 20,2 24,2-26
3606	Nut (6-40 Hex.) 2-9,2-20 Wosher, Lock 2-3,2-4,2-8,2-12 to	26.54	Screw (4-40 x 3/ 16 Fit) 2-2,2-5	5 222	Washer Felt 2-11
3640	2-14.2-14.2-20.2-22 to 2-24.2-26	114 7	Spring 2-16	151246	Washin Flot 2-3 2-4
3646	Washer, Lock 2-25	u. 43	Washer, Lock 2-2.2-5,2-7 to	151355	Stud (6-40) 2-6
3650	Washer, Figt 2-72		2 9,2-2 2 22,2-24,2-26	151346	Screw (6-40 x 3/8 Fi) 2-4
3870	Spr ng 2-20	G879	Spring 2-12,2-15,2-20	151367	Wick, Felt. 2-3,2-4
5363	Spring 2-10	17	Screw (6-40 x 5/16 Fil) 2-4,2-20	51398	Spring 2-16
6970	Nut (3,18-32 Mex) 2-6	2626	Not (10-37 Hex) 2-4,2-13	514.5	Block Terminal 2-6
7002	Washer Flot 2-2 to 2-6,2-9.2-10	12634	Spring 2-16	514 6	Not (6-40 Hex.) 2-6,2-10,2-11
	2- 2 to 2-14,2-16,2-17,2-20,2-22	11290	Washer Fiol 2-2,2-4	5 442	Screw (6-40 m 1/2 Hex) 2-3,2-13,
	≥a 2-25	114876	Washer, Flat 2-16,2-26	51620	2-14,2-22 Strap, Mounting 2-6
7835	Ribbon (Black, 2- 6,2-19	5+22	Wosher, Felt 2-13 Wosher Felt 2-14	5 621	Scrow (6-32 x 3/4 Rd) 2-6
8330	Wosher, Fiel 2-2,2-3,2-5,2-9,2-11,	5 34 9847	ting, flatering 2-10	5 422	Nul (6-32 Square) 2-6
	2-15,2-18 to 2-20,2-22,2-23,2-25	9648	ting, Retaining 2-9,2-10,2-21.	151626	Terminal 7-23,2-26
22746	Spring 2- 3	, ,,,,,,,,	2. 22	151629	Nut ,6-40 Lug) 2-2,2-5,2-11,2-13,
33765	Wosher, Flat 2-2	19849	Ring, Retaining 2-10,2-13,2-14		2-25
4 382	Spr ng 2-10 Bearing, Bol: 2-2,2-4		2-16,2-18,2-19, 2-22,2-24	15 630	Screw (6-40 x 1/4 Hex) 2-2,2-3
4 543	Plate, Clomp 2-24,2-26	9650	Ring, Retaining 2-11,2-18.2-19		2 0 7 17,2- 3 2-15,2-18,2-20
42823	Washer Flat 2-7,2-8		2-20		2-23 to 2-25
45024	Spring 7-25	11965	king, Retaining 2-13,2-15,2-16	15 63	Sc aw (6-40 x 5, 16 Hex) 2-2 to
47024	Wosher, Fipt 2-14		2-19 to 2-22		2-6.2-9,2-10,2-12,2-16,2-17
49184	Spring 2-24	9652	Ring Retaining 2-2,2-3,2-5	15-632	Screw (6-40 x 3/8 Hex) 2-2 to 2-4,
55063	Spring 2-9,2-21		7 0.2		2-6 to 2-9,2-17 to 2-19,2-24
70678	Spring 2-2-,2-22	19053	Ring, Retaining 2-13,2-16,2-19	51633	Bearing, ball 2+3,2 4
2 437	Washer, Flot 2-1	21100	Spring 2-16	15:637	Screw (4-40 g 1/4 F I) 2-9 2-18
2 681	Spoot, Ribbon 2- 8,2-19	21245	Clomp, Coble 15/16" (D) 7-23	51640	Lever Show Release Jone Stop) 2-7
73611	W ck Felt 2-24	12 55	Screw (8-32 x 1/4 Hex.) 2-25	5 057 5105B	Screw (6-40 x 1/4 F I) 2-3,2-5,2-6 Screw 6-40 x 5/ 6 F 2-2,2-4
74553	W ck, Felt 2-13	22 49	Strew, Special (4-40) 2-21 Strap Assembly Abouting 2+6	51688	Screw 4-40 x 5/8 F 1) 2-24
74727	Terming 2-24	22207	Wesher Lock 2-3 2-4 2 9 2 20	51692	Screw 6-40 x 3, 16 Fr , 2-20
7608	Wesher Lock 7-5	250 7	Washer Flat 2-2.2-5,2-9,2-10	151700	Screw Shoulder (6-40) 2-15
B053	Wosher, Flot 2-19	2.30	2-17,2-14 to 2-16,2-18,2-20	517 2	Button P vol 2-6
B0735	Bushing 2-24		2-21,2-23,2-24,2-26	5 721	Screw (6-40 x 3/4 Hex.) 2-22
80633 8 726	Guard 2-26 Terminal Contact 2-26	250 3	Washer Flor 2-3,2-10 to 2- 2	5 722	Screw .6-40 x 3/16 Mex) 2-9,2-19,
8 731	Spt ng 2-19		2-20,2-22		2-22.2-25
82 392	5Nm , 004") 2-3	2523	Not (10-32 Hex) 2-3	15 724	Sciew 10-32 x 5/8 Hex 2-6
82547	(neuletor (094") 2-26	125802	Washer Flat 2:19	15 728	Spr ng. 2-7
82548	traujoter (062") 2-24,2-26	2835"	Ring, Retaining 2-11,2-16	151736	5pr ng: 2-2,2-8
84226	Spring 2-19	Ju 336	Washer Felt 2-14	151737	Screw (4-40 x 11/64 Hex, 2-5.2-7
84575	Spring 2-22	30096	Washer Felt 2-15		2-8 2- 9,2-27,2-74
85422	Screw ,10-32 x 15/16 Hex) 2-6	306	Washer, Fell. 2-14		Not (4-40 Hex) 2-17,2-19
B5823	Spacer 2-19	357 6	Spring 2-2,2-5	524 5	Stud (4-40) 2-2,2-4
86079	Washer, Felt 2-14	359C	Washer, Cup 2-13	152466	Connector Receptocla (20 Pt) 2-23
66283	Spring 2-18	30757 3069	Screw (4-40 x 9/32 Fil) 2-7	52634	Woshert, Flot 2-1:
86304	Spring 2-21	39752	Sciew (4-40 x 11/64 Fil) 2-2	52887	Screw (4-40 x 1/2 Hex, 2-17
86506	Post, Spring 2-2	500 3	Disk, Adjusting 2-7	52893	Screw (4-40 x 1/4 Hex.) 2-2 lg 2-5 2-0 m 2-11 2- 3 2 16 2 22 to
867 4	Specer 2-19	≥500 4 150037	Disk, Adjusting 2-8 Level Shor Release (Multiple		2-5,2-9 to 2-11,2- 3,2-16,3-22 to
86774	Screw, Shoulder (6-40) 2-14,2-25	150027	Stop 2-8	153267	2-24,2 26 Washer, Felt 2-9
8740	Spring 2-2,2-5	50029		153538	Screw .6-40 x 7/16 Hex) 2-24
90052	Screw 4-40 x 5, 8 Hex) 2-17	50034	Disk, Clutch (2 Stop) 2-8	153799	Screw (4-40 x 21/64 Hex) 2-24
90361	Washer, Fe t 2	150040		1538 7	Screw (4-40 x 3/8 Hex) 2-2
90535	Washer, Fe + 2- 5,2-16	7.0049		200	

NUMERICAL INDEX - SECTION 2 (Continued)

Port	Description and	Part	Description and	₽⊔⊓	Description and
Number	Page Numbe	Number	Page Number	Number	Page Number
153839	Screw (6-40 = 5/8 Hex): 2-2,2-5,	156165	Wosher, Felt 2-2,2-5,2-11	156465	Wosher, Spring 2-3,2-4
	2- 1 2 14,2 25	56 68	Spring 7-9	56466	Rock Typewheel 2- 3
154235	Spring 2-16,2-26	156 69	Washer, Felt 2-17	156467	Ring, Retaining 2-3,2-4
154242	Screw (6-40 x 5/16 Hex) 2-3,2-4	156172	Rod 2-9	156472	Post, Spring 2-5
154245	Contact 2-26	156173	Stud (4-40) 2-9	156473	Shaft, Main 2-7,2-8
154246	Brocket, Contact Mounting 2-26	156177	Brocket, Code Contact 2-23	156476	Hommer Front 2-13
154247	Contact Assembly 2-26	156184	Brocket 2-10	156478	Accelerator, Hammer 2- 3
154325	Modification Kit To Equip Model	156221	Lock 2-17	156484	Bracimi, Frinting Lotch Mounting
	28 Typing Reperforator LPR with	156230	5rud (6-40) 2-20		2-20-2-25
	Adjustable Ribbon Or ve Ame 2-16	156235	Fost, Guide 2-2,2-5	156488	Post, Spring 2-20
54335	Screw (6-40 x 9/32 Fil) 2-7,2-8	156236	Coller 2-7,2-8	156489	Bush ng, Ribbon Guide 2-13
54352	Spring 2-26	156241	Link, Front 2-13	156490	Post, Gu de 2-2.2-5
54397	Shaft W/Bearing 2-3,2-7,2-8	156242	Link, Rear 2-13	156492	Bracket, Guide 2-12
154398	Searing, Rolling 2-7,2-8	156243	Roller 2-20	156493	Stud (4-40 2- 4
154457	Guide, Tope 2-10	156248	Latch 2-2,2-5	156501	Screw (6-40 x 7/32 F I, 2-12,2-13
154694	Dluk 2-7	156252	Lifter, Function Blade 2-20	1565 5	Wosher, Fait 2-19
154698	W- efe, Feit 2-10	156264	Lever, Detent 2-12,2-15	156536	Screw (4-40 x 1/8 Flc) 2+ 6
155750	Sleave, Insulating (3/32 x 1/2 (D)	156265	Bushing, Shoulder 2-15	156572	Washer Felt 2-24
	2-23,2-25	156266	Bushing, Shoulder 2-12,2-35	156576	Washer, Felt 2-3,2-4
155753	Seeve Insulating of 8 x 2 iD	56267	sever Main 71 p. 2-2,2-5	505 77	Role Derent Lever 2 0
	2-26	156268	Brecket, Spring 2-16	156588	Ring, Rotaining 2- 3
155995	Screw Shoulde 6-40) 2-2,2-4	156276	Eccenti c Rotary (Right 2- 2	J6632	>c +w 6-40 H 3, 32 Hen 2-22
156008	Wheel, Feed 2-10	150277	Eccentric, Rotary (Left) 2-12	156835	Ring, Retaining 2-13
+56009	Post (6-40) 2-11	156270	Eccentric 2-15	156869	Guide, Ribbon 2-13,2-14
56012	Spring Punch Brock 2 9	150286	Shoty Ecountric (Right 7-12	154870	sever Ribbon Osi storing 2 4
560 3	Screw Adjusting 4-40 2-1	150787	Shoft Econotic roots 2-12	15657	Bo. Ope ating Blode Mounting 2-3
56015	Plate 2-9	156288	Shaft, Eccentric 2-15	156872	Blode, Operating 2-1
5601.6	Link 2-10,2-11	156289	Bearing, Front (Left) 2-12	156874	Screw (4-40 x 15/14 f;(1 2-12,2-15
56017	Shall Eccentr a 2-11	156290	Searing, Front (Right) 2-12	156875	Screw 6-40 = 5/32 F (1 2-15
156019	Wosher Fell 2-10	156291	Bearing (Rear) 2-12	156676	Bushing 2-3
56020	5 de 2-9	156292	Housing, Upper Axiel 2-15	156877	Wosher, Fall 2-3
\$6024	Pig'e Rear 2-9 2- 0 2 1	1 1629	Housing Lower Ariol 2 15	56884	Am Rocker 2-1
156026	Plate, Front 2-9,2-10,2-22,2-23	156294	Sector, Axial 2-14	156900	Ro ler Ribbon Food Drive 2-3
56036	Gu de Assembly Tope 2-10	56296	Post 2 16	15640	Por Eccent v 2- 8
156040	Post (6-40) 2-10	156300	Shoft 2-16	156905	Block Rock Guide 2-13
156042	Post, Spacing 2-10	156306	Rod, Connecting (Right) 2-13	156908	Post, Sector F vat 2-14
56043	Bushing 2-11	156311	Rod, Connecting (Left) 2-13	156909	
156044	51ud Eccentr c (6-40) 2-10	156313	Bock, Output 2-15	156922	Post, Axial Toggla Link 2- 4 Arm Lock Release 2-16
156046	Block Tape Guide 2-9	156316	Plate , Rear 2-16,2-26	156924	Plate, Or we Link 2-15
156047	Sping Torsion 2- 0	1563 8	La ca Reset 2-2	56975	Rolle Drive Link 2-15
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	164530	Builting 2- 49	173970	Typewhee :ARE1 2-27	176490	Bracket W/Hubs 2-2,2-5,2 24
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	164532	Pow W Mub Feed 2-19	173977	Shaft Print Hammer 2-13		2-6
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	164965 170778	Washer Frank 2- 9	5554 75556	Typewhee AZGI 2 27	179579	Decorporation Array 2- 9
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	72640		175565		192793	unk W Hub 2-3,2-4
	- Z D= U	Modification K + To Add Manual Backspace to Units Containing the	175568	Typewhee (AZT 2-27 Typewheel (AZW) 2-27	192849	Guard 2-24 Box No 2 Axio Push 2- 5
		Mode 28 Fu y Perforated Tape	75580	Typewhee AVIS 2-27	94272	Modification Kill To Provide Qi
		Punch 2-2	75582	Typewheet AWVI 2 27	14614	Guard for the Aux vary Contacts 2-24
				1 h- 11 11 11 1 4 11		AAA A A THE LIVE MIT WATER ET &

SECTION 3

MOTOR UNIT (LMU)

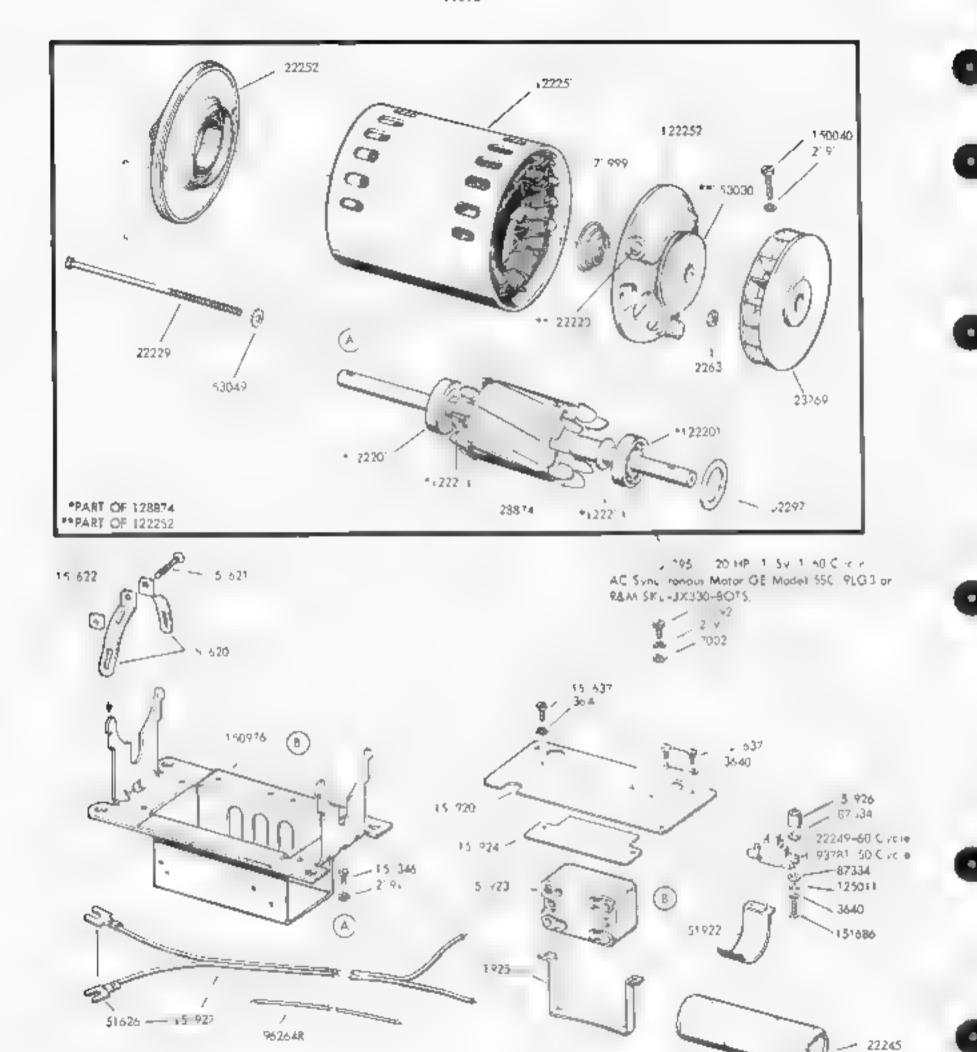
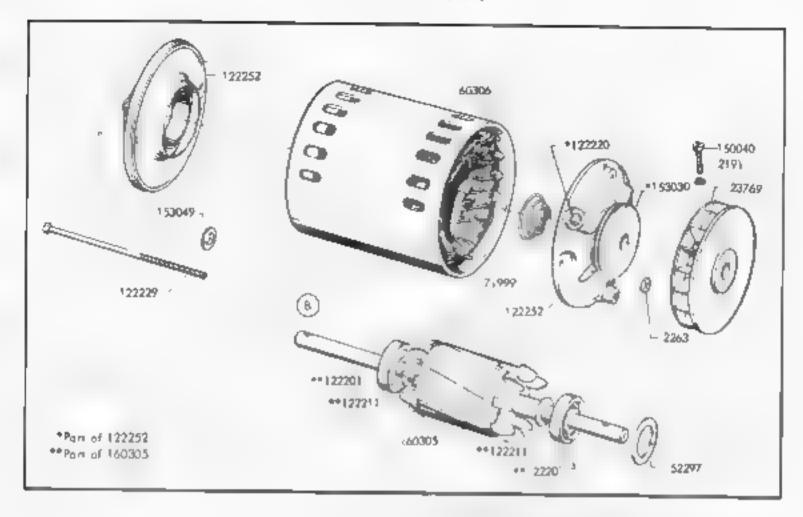


FIGURE 3-1. SYNCHRONOUS MOTOR UNIT (LMU3, 60 CYCLE) (LMU38, 50 CYCLE)



59739 1 2 HP 115V 1 60 Civille AC Synchronous Motor GE Model SSC 9LG10)

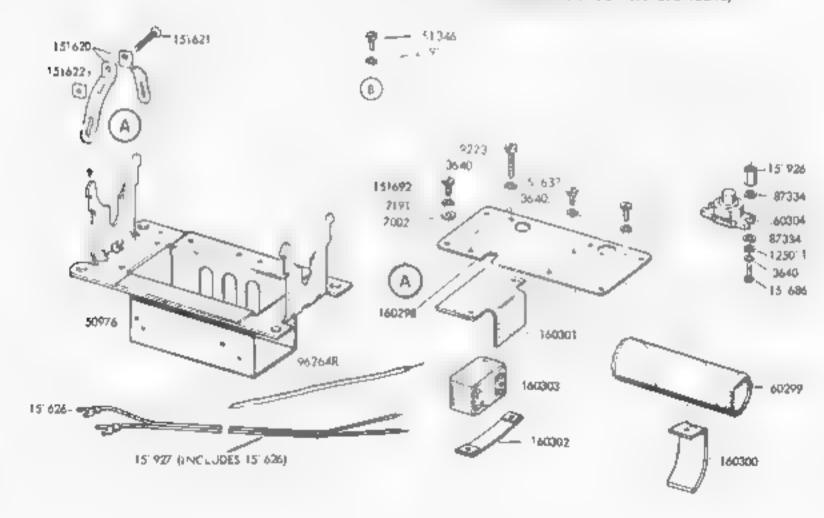
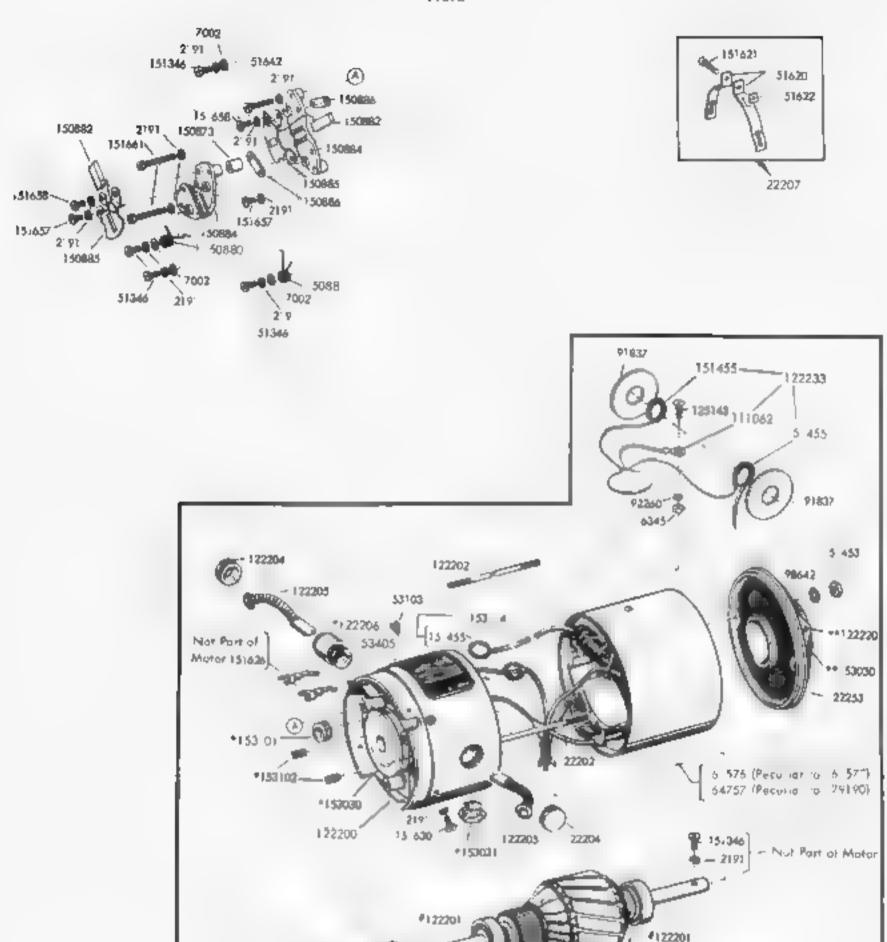


FIGURE 3-2. SYNCHRONOUS MOTOR UNIT (LMU12)



*Part of 161577 and 164757 *Part of 122200

15)577 Motor, Series (1/15 HP, 195V-1/60 Cycle AC General Electric Model 5PA654V3) (LMU14 and LMU39).
79190 Motor, Series (1/15 HP, 48V-DC General Electric Model 5PD55NV3) (LMU29).

#122251

F 22211

(151575 Previor to 1 1577)

144 57 (Peculiar to 119190)

FIGURE 3-3. SERIES MOTOR (LMU14, LMU29 AND LMU39)

×22201

71999

^{**}Port of 122253



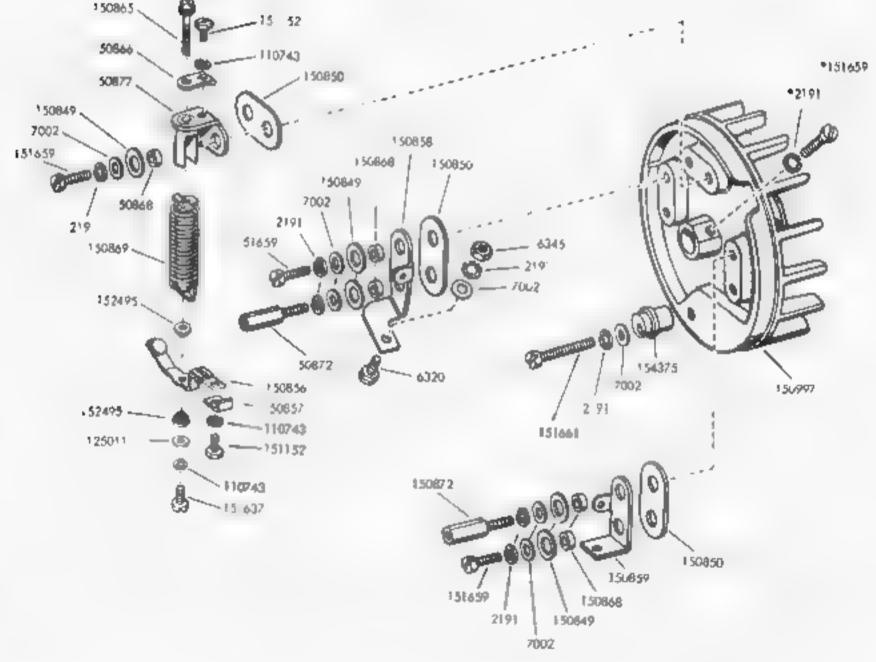


FIGURE 3-4. 150845 GOVERNOR ASSEMBLY (LMU14, LMU29 AND LMU39)

*Not Part of 150845

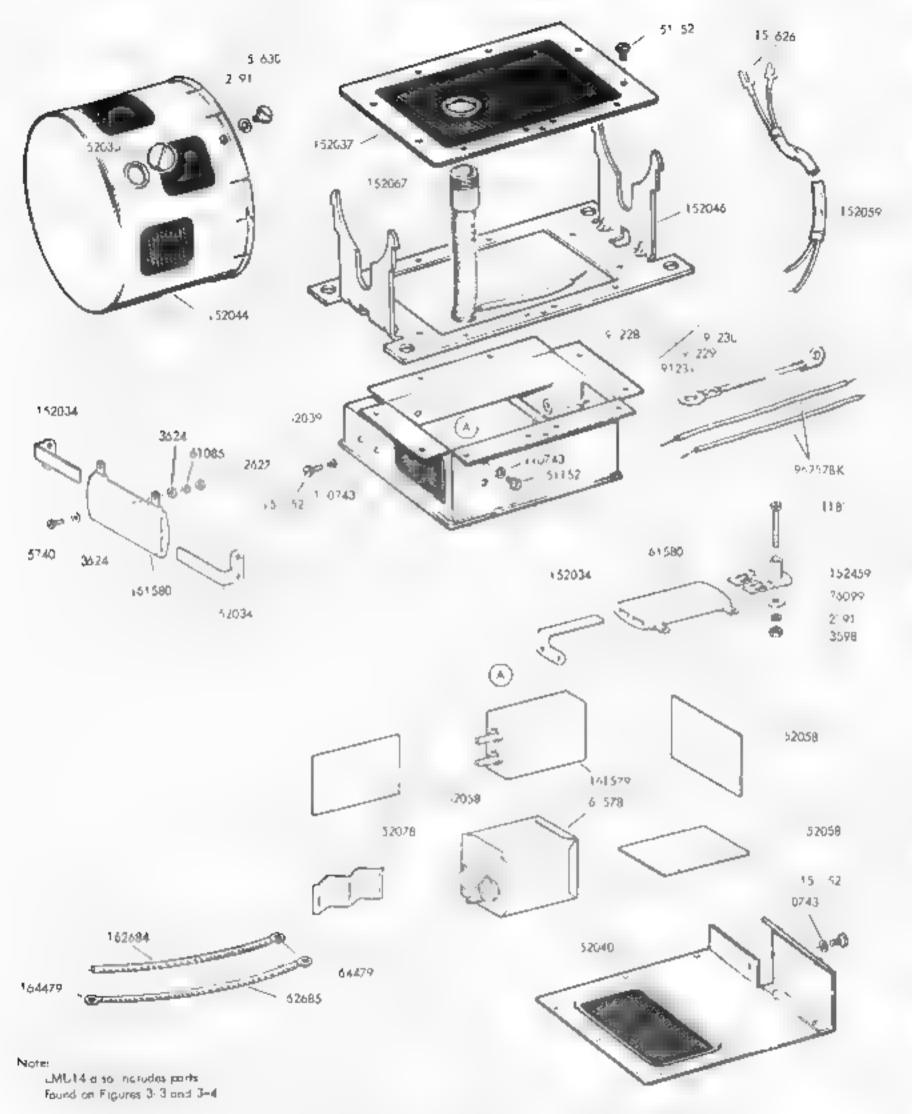
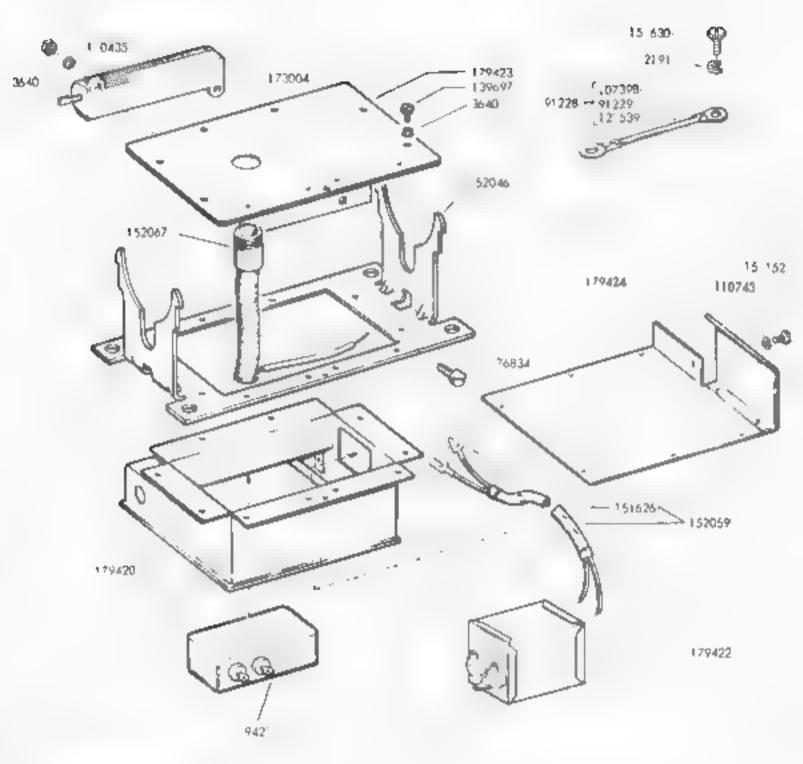


FIGURE 3-5. SERIES MOTOR UNIT MOUNTING PARTS (LMU14, 110V, AC)



Nate

LMU29 a so includes conty tound on Figures 3-3 and 3-4.

FIGURE 3-6. SERIES MOTOR UNIT MOUNTING PARTS (LMU29, 48Y DC)

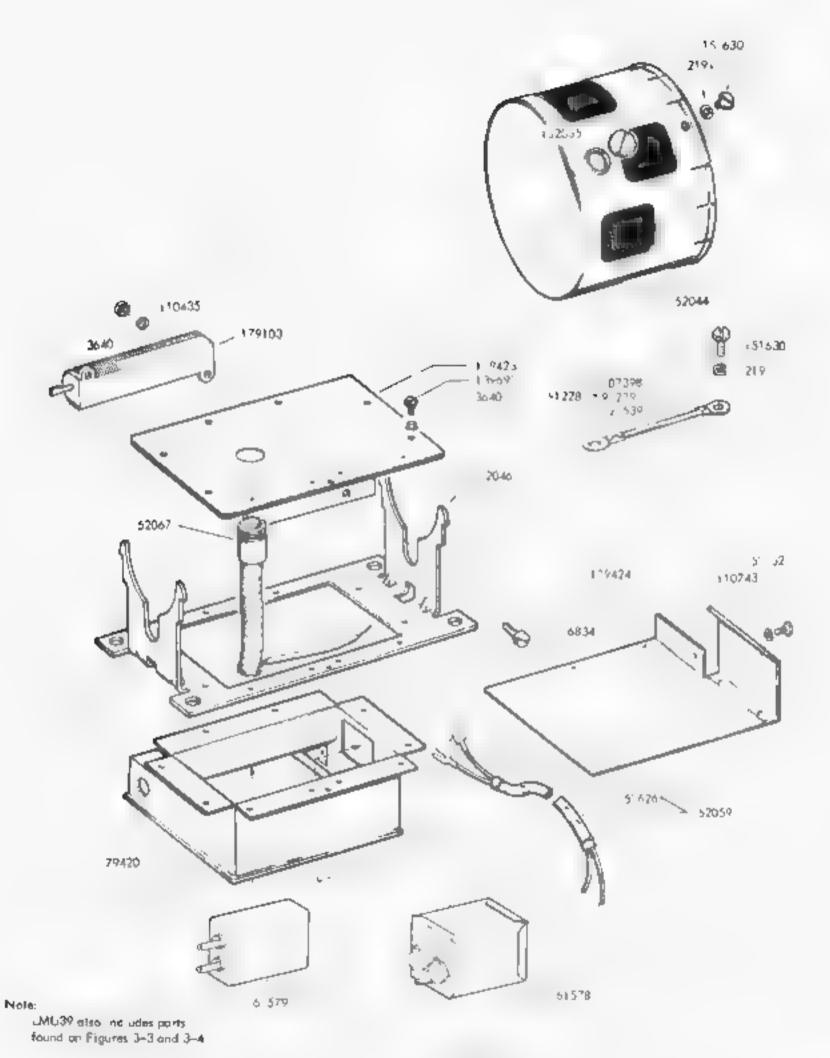


FIGURE 3-7. SERIES MOTOR UNIT MOUNTING PARTS (LMU39, 110V, AC)

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	3598	Nut :6-40 Hex) 3-6	150040	Screw (6-40 x 5/8 Fil) 3-2,3-3	15 927	Coble, Motor Unit 3-2,3-3
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	5740	Screw (2: 56 x 1/4 Fil) 3-6	150850	Plate, Insulating 3-5	52039	Cover, Container 3-6
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	6345	Nut (6-32 Hea) 3-4,3-5	150857	Clomp, Conract Arm 3-5	152044	Cover, Governor 3-6,3-8
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	110743	Washer, Lock 3-5 to 3-8	15 32	Screw (4-40 x 3/16 Hex) 3-5 re 3-8	160300	Clamp 3-3
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•	122200	Shield Assembly, End 3-4	151621	Screw (6-32 x 3/4 Re) 3-2 to 3-4	60305	Rotor, Motor 3-3
-	122201	Bearing, Ball 3-2 to 3-4	151622	Nut (6-32 Square) 3-2 to 3-4	161576	Stator 3-4
	122202	Stud 0-32 3-4		Terminal 3-2 to 3-4,3-6 to 3-8	161577	Motor, Series (115 Voir) 3-4
	22254	Cap, Brosh 3-4	1000000	Screw (6-40 x 1/4 Hex) 3-4,3-6	161578	Suppressor Electrica Name 3-6,3-8
	22205	Brush W/Spring 3-4		10 2-8	161579	
	122206	Holder Brush 3-4	151637	Screw (4-40 a 1 4 Fil) 3-2,3-3,	161580	Capacitor (1/2 MFD): 3-6,3-8
	122207	Strep Assembly, Mounting 3-4	10.00	3-5	15.300	Resistor 500 Ohm) 3-5
	122208	Washer, Flot 3-4	151642	Screw (6-40 x 3/4 Fil) 3-4		Wire (2-3/4" White) 3-6
	12221 6	Washer Puril 3-2 to 3-4	191657	Screw (6-40 + 1 4 Fit 3-4	62685	Wire A" White) 3-6
	22220	Otter Berl 3-2 to 3-4	151658	Screw (6-40 x 5/ 16 Fil) 3-4	164479	Terminal 3-6
	22229	Boll .8-32 x 4-11/16) 3-2.3-3	151659		164757	Armoture Assembly Motor 3-4
	22233	Capacitor Ausembly 3-4	151661	Seriew (6-40 x 1/2 Fil) 3-5	172938	revioler 3-6
	22245			Screw (6-40 x 1 Fil) 3-4,3-5	173004	Resistor (100 Ohm): 3-7
	122249	Capacitor 43 to 48 MFD): 3-2 Switch, Thermostotic 3-2	151402	Serve (4-40 x 2/8 Fil) 3-2,3-3	179.03	Resistor (250 Ohm, 3-8
			151672	Screw (6-40 x 3/14 Fil) 3-2,3-3	199190	Motor Series (115 Voit) 3-4
	72751	Stator, Motor 3-2	151795	Motor, A.C. Synchronous (115 Volt)	179420	Container 3-7,3-8
	22252	Shield Assembly End 3-2,3-3		3-2	1942	Capacitar (1 MFD), 3-7
	22253	Shield Assembly End 3-4	151920	Plate, Relay 3-2	179422	Suppressor, Electrica, Noise 3-7
	23789	Fan 3-2,3-3	151972	Clump, Capacitor 3-2	179423	Piote W/Brocket 3-7,3-8
	25011	Washer, Fiat 3-2,3-3,3-5	151923	Pelay 3-2	179424	Lid W/ neulator 3-7,3-8

SECTION 4

TRANSMITTER DISTRIBUTOR BASE (LCXB)

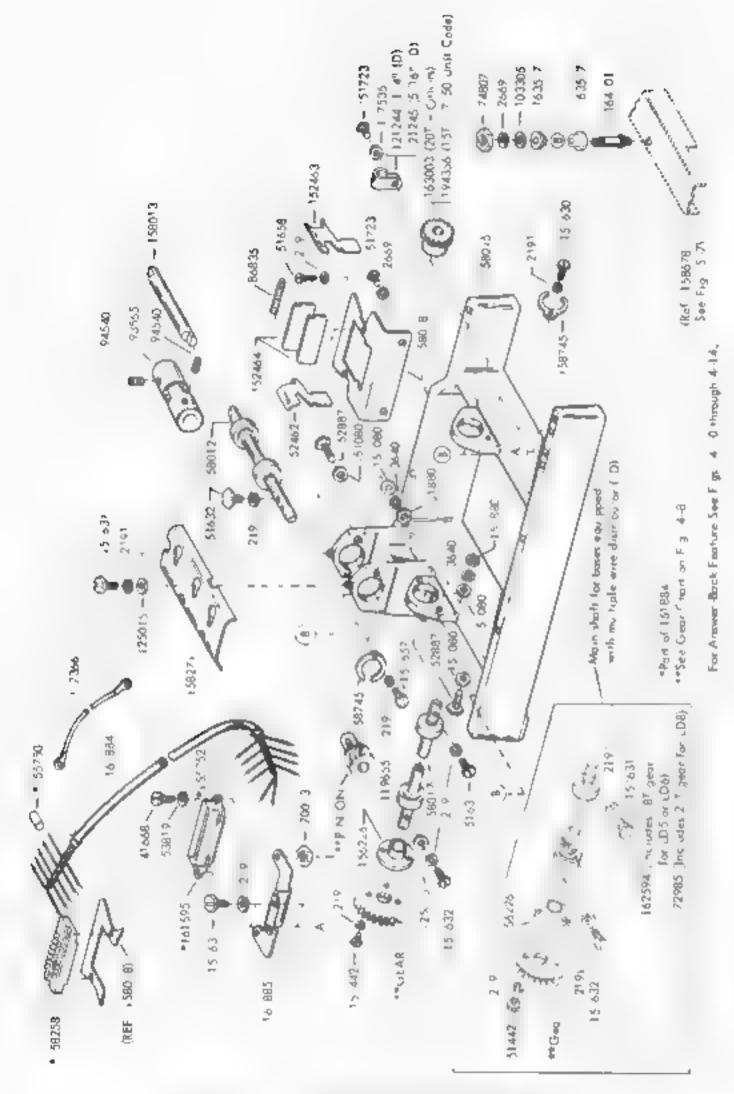


FIGURE 4-1. TRANSMITTER DISTRIBUTOR BASE

USED WITH , XD TYPE TRANSMITTER D STR BL TOR

FIGURE 4-2. TRANSMITTER DISTRIBUTOR BASE

JSED WITH LOAD TYPE TRANSMITTER DISTRIBUTOR

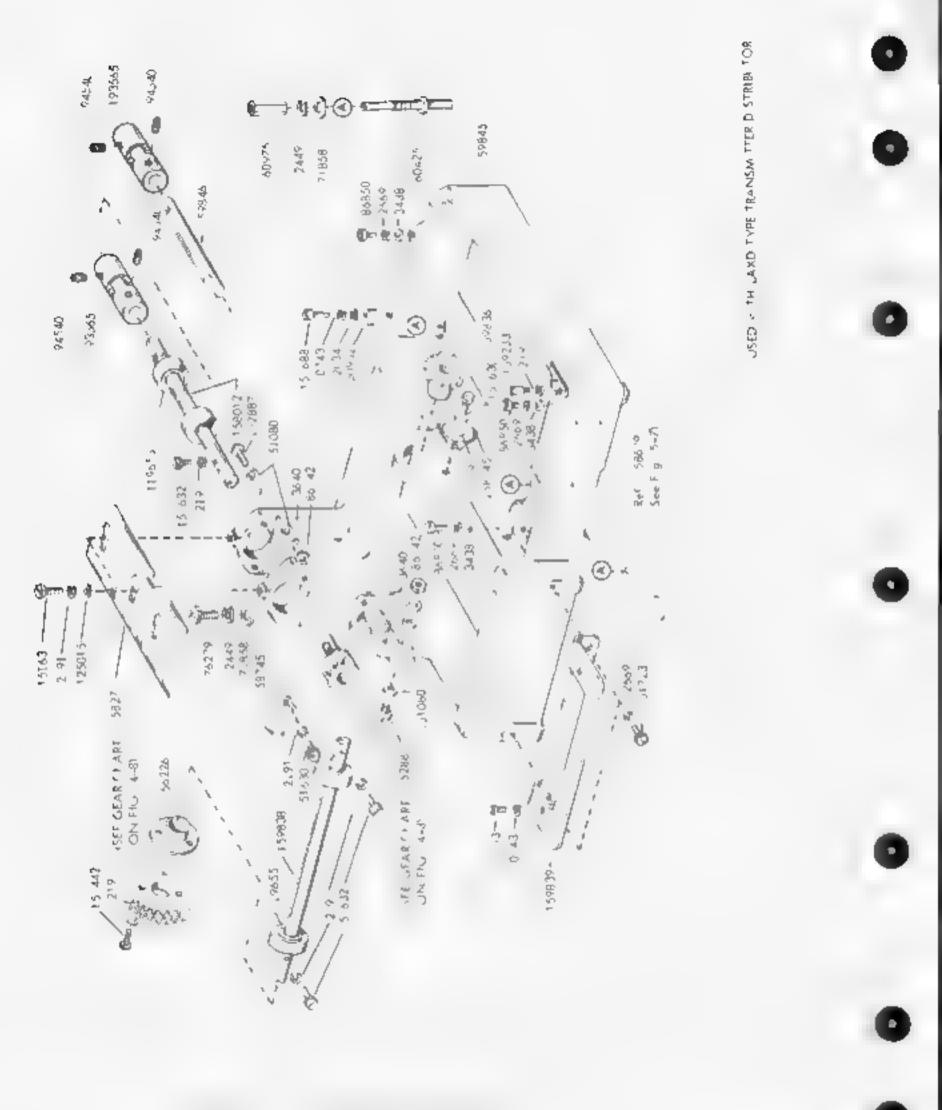


FIGURE 4-3. TRANSMITTER DISTRIBUTOR BASE

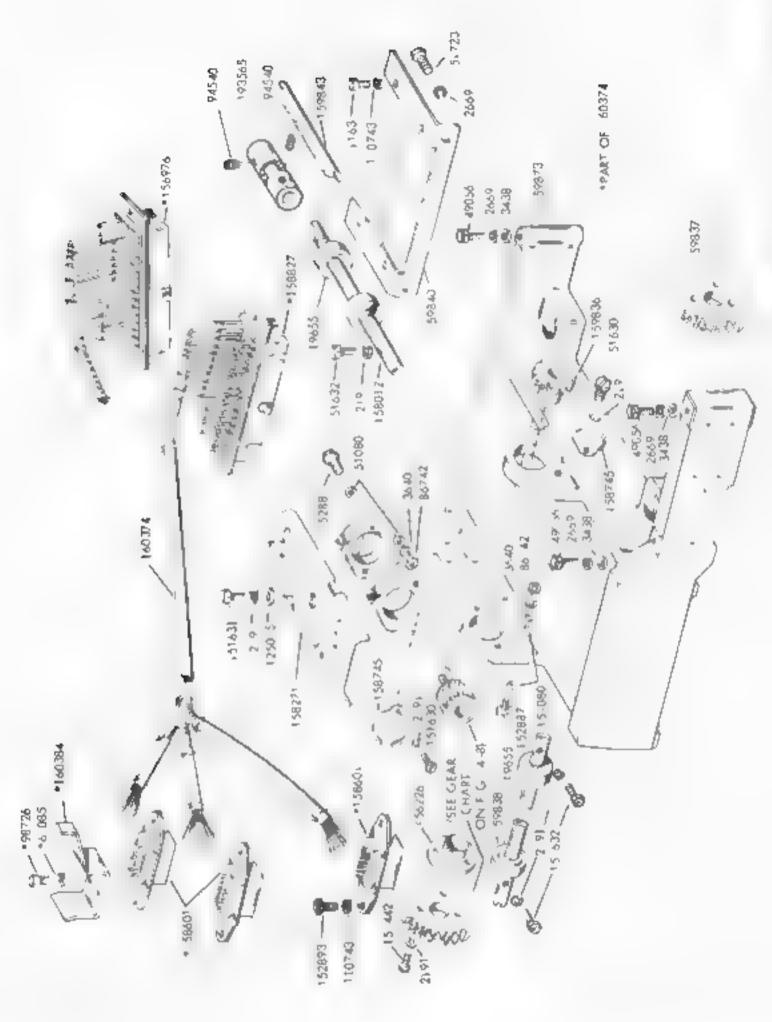


FIGURE 4-4. TRANSMITTER DISTRIBUTOR BASE



FIGURE 4-5. TRANSMITTER DISTRIBUTOR BASE

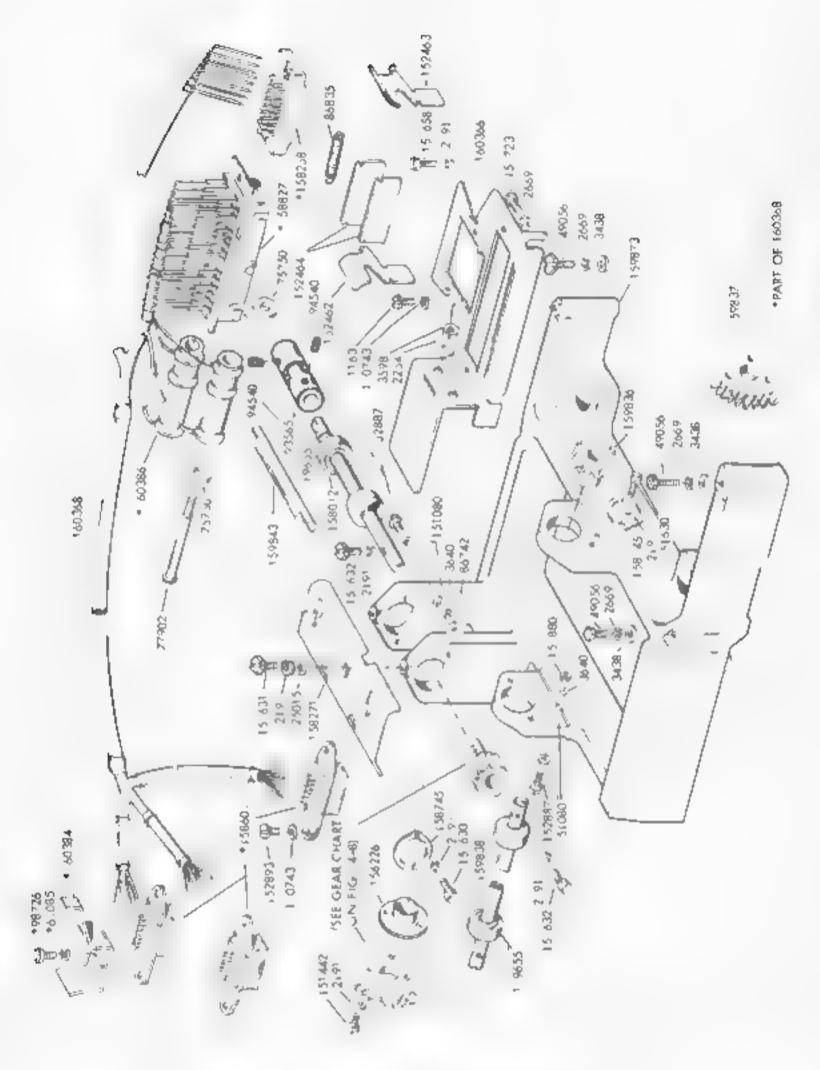


FIGURE 4-6. TRANSMITTER DISTRIBUTOR BASE

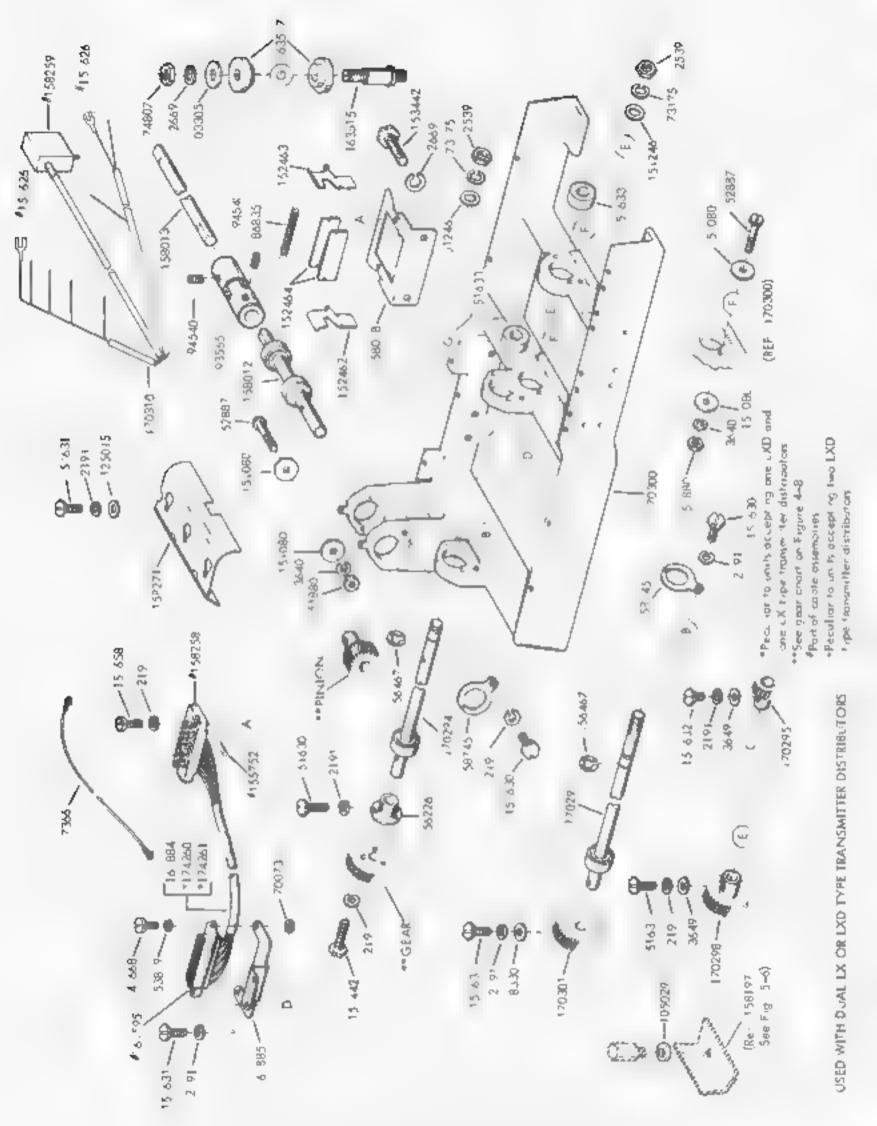


FIGURE 4-7. TRANSMITTER DISTRIBUTOR BASE





	S NOVE TRANSM	TITER-DISTRIBUTE	OR BASE	GEAR JETS	
GEAR SET	OR VEN GEAR	PIN ON	WPM	LINIT CODE	BAUD
,9882	1497 50°0	55996 137)	65	7 0G	4; .5
3. 6	J8 9 66T)	1381 8 1377	55	" 00	45.5
4 10	5 132 4. 5	61353 07	7	X.	=0
.63499	163498 (637)	163497 (151)	71	7.00	50
980.56	980 a 75Ti	98057 (97	8.	7 00	56.9
159883	159999 (347)	155998 (121)	106	7,00	74 2
63454	63453 .673	634J2 20*	107	* 00	75
18029	58006 44T)	8005 97	60	7 42	45.5
161356	161330 (491)	161331 (117)	67	7,42	50
58028	158004 4 D	58003 (27)	75	7 42	56 8
58027	5800 5377	58002 75	100	7 42- 0	74 2
178775	178777 (561)	178776 (171)	61	7 50	45.5
78772	178774 (601)	178773 (201)	66	7 50	.50
78749	+ 877 4673	.787-0 2331	00	7.50	75

	DUAL TRANSMI	TTER 40 ,TR 94 10	OR BASE C	EAR SETS	
GEAR SET	DRIVEN GEAR	PINION	WPM	UNICODE	BAUD
	199091 (561)	199090 (201)	107	7.00	75
	170 90 (5 7)	170189 (57)	88	8.50	75
195146	1951 45 (491)	195144 (111)	67	7.42	30
	170297 (331)	170293 (111)	100	7,42-11.0	74.2-110

FIGURE 4-8. GEAR SETS

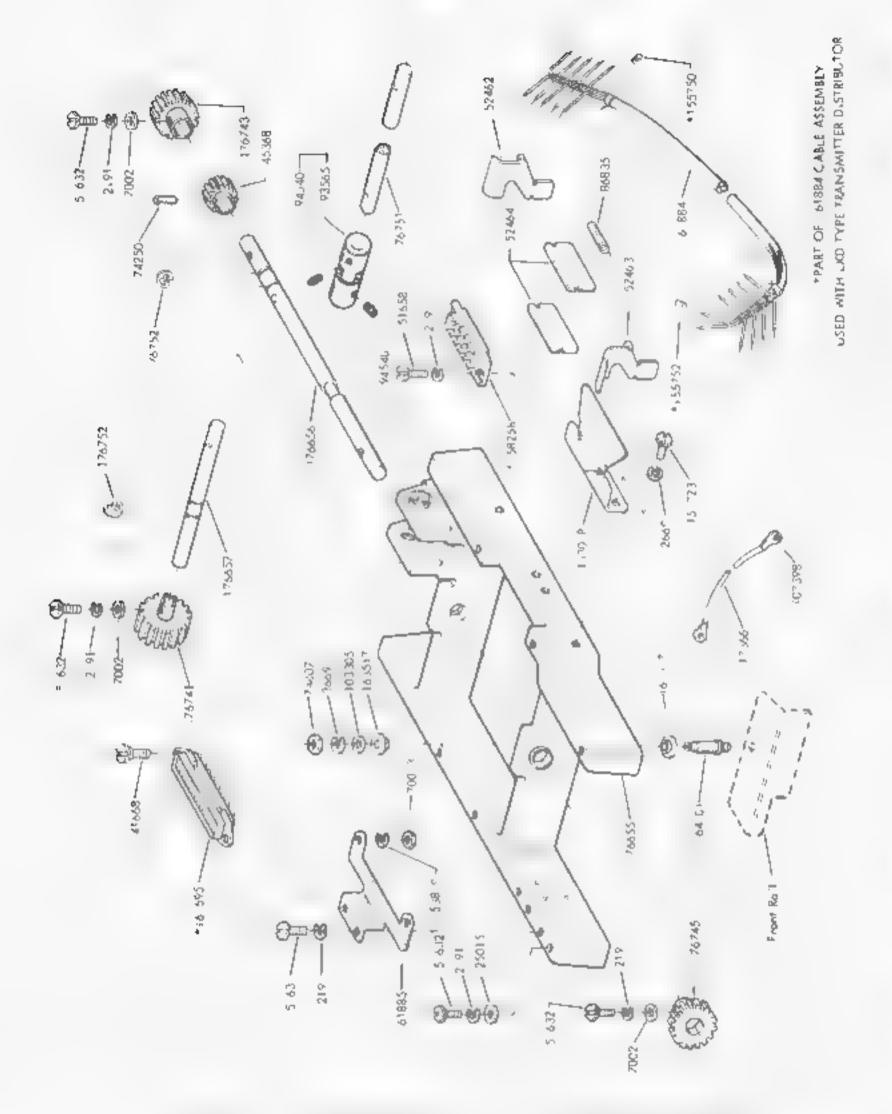


FIGURE 4-9. TRANSMITTER DISTRIBUTOR BASE WITH ANSWER BACK FEATURE (INCLUDES FIGURES 4-10 THROUGH 4-13)

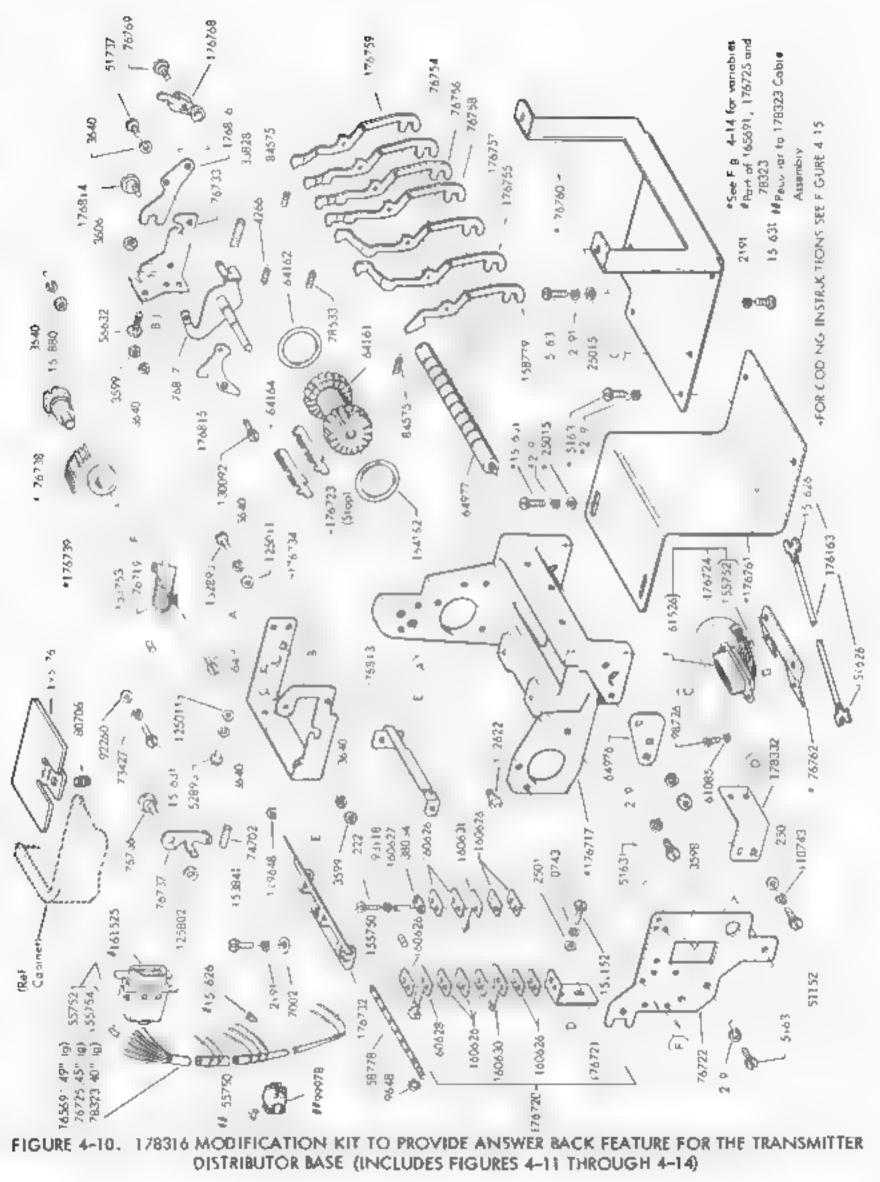


FIGURE 4-10.

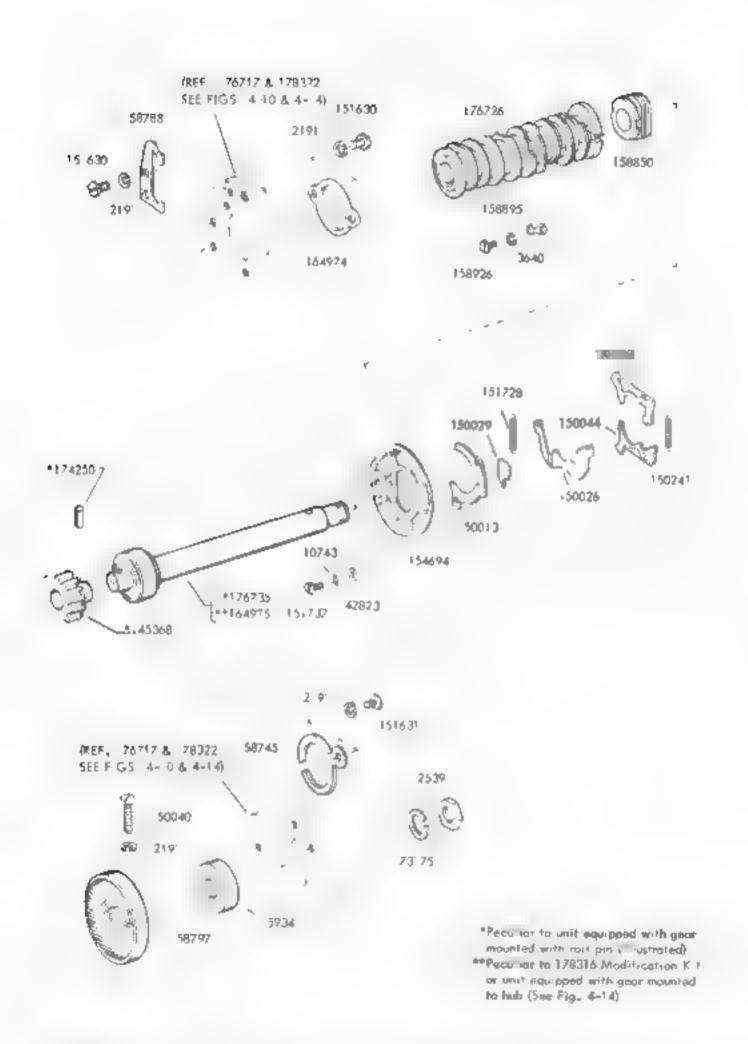


FIGURE 4-11. 178316 MODIFICATION KIT TO PROVIDE ANSWER BACK FEATURE FOR THE TRANSMITTER
DISTRIBUTOR BASE (ENCLUDES FIGURES 4-10 THROUGH 4-14)

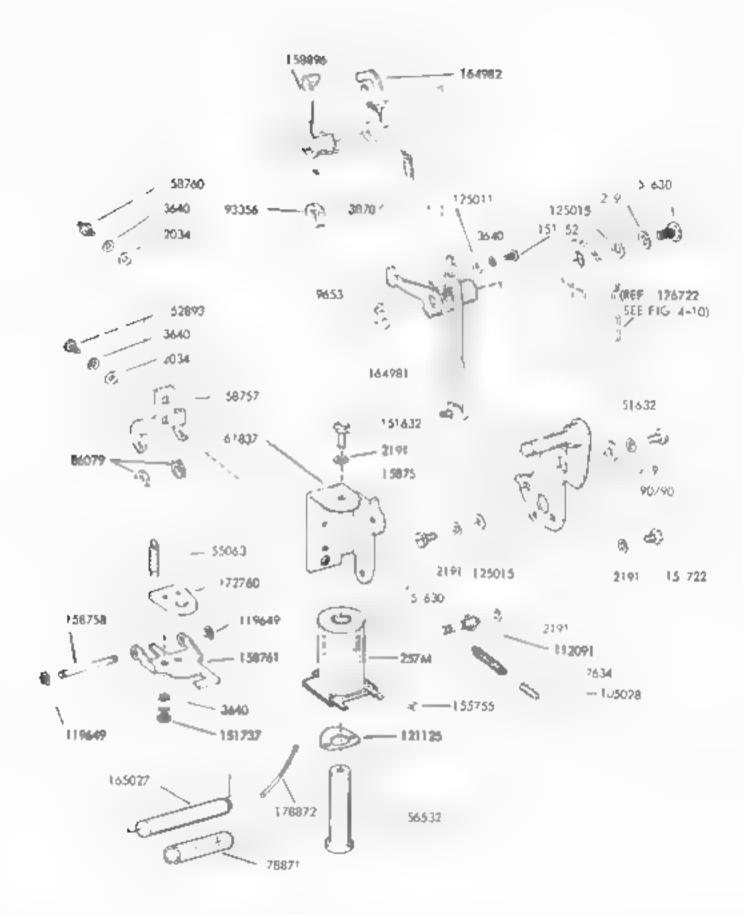


FIGURE 4-12. 178316 MODIFICATION KIT TO PROVIDE ANSWER BACK FEATURE FOR THE TRANSMITTER DISTRIBUTOR BASE(INCLUDES FIGURES 4-10 THROUGH 4-14)

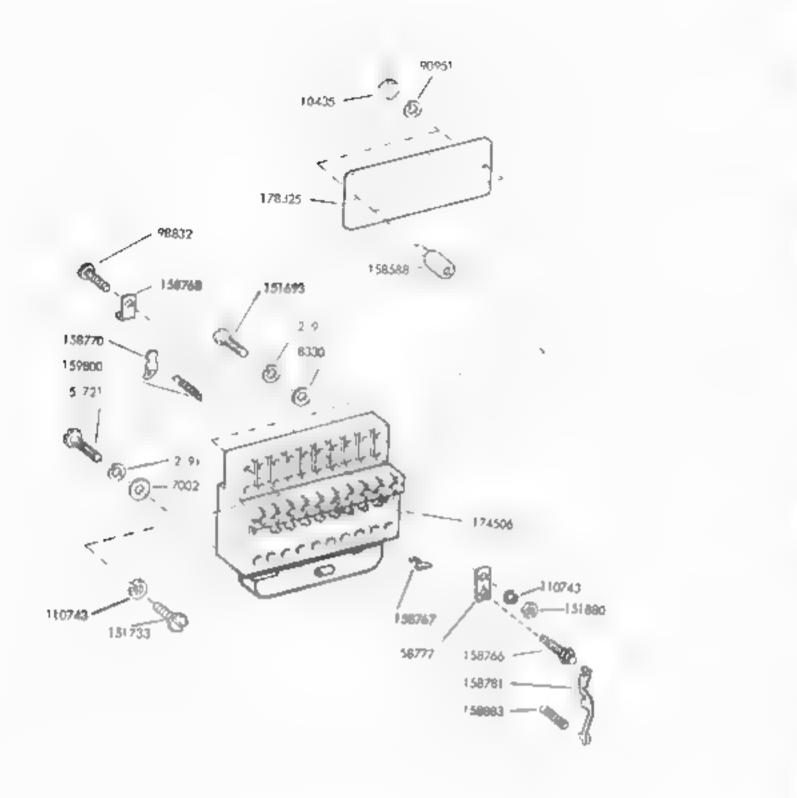


FIGURE 4-13. 178316 MODIFICATION KIT TO PROVIDE ANSWER BACK FEATURE FOR THE TRANSMITTER DISTRIBUTOR BASE (INCLUDES FIGURES 4-10 THROUGH 4-14)

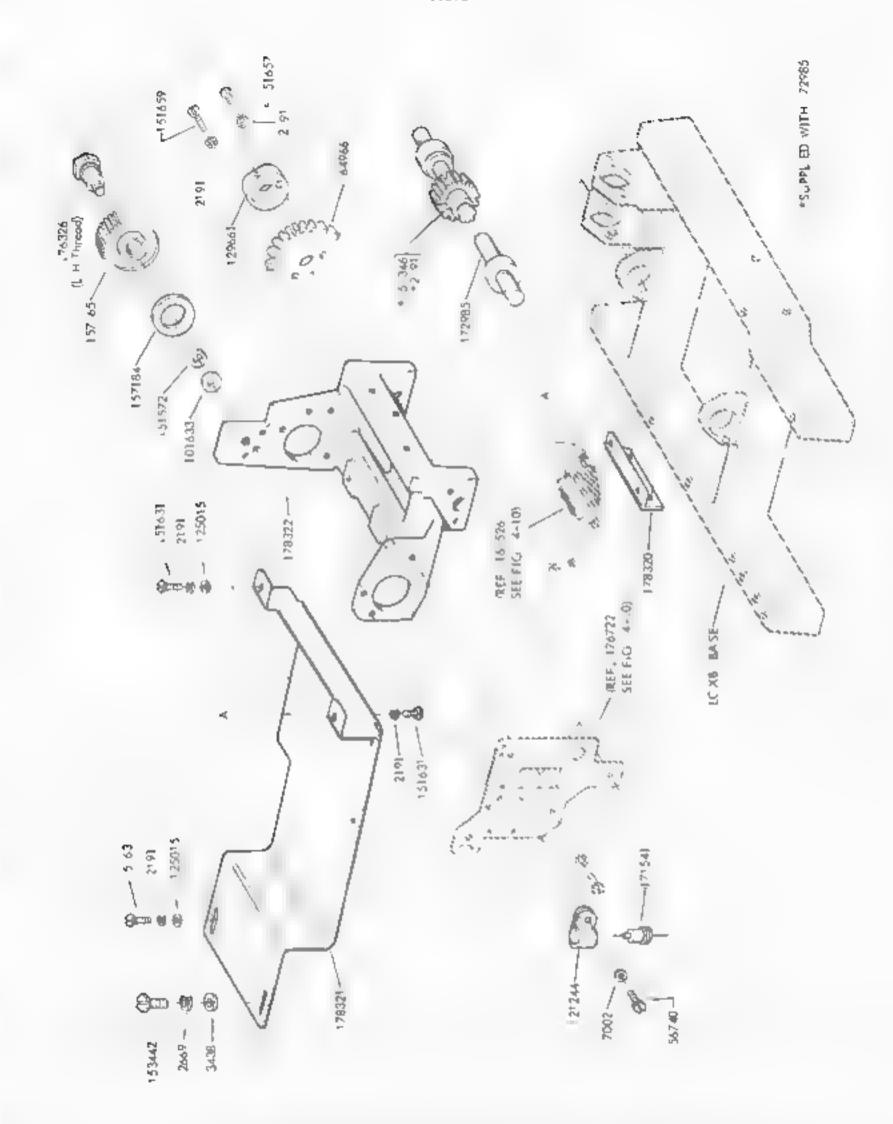
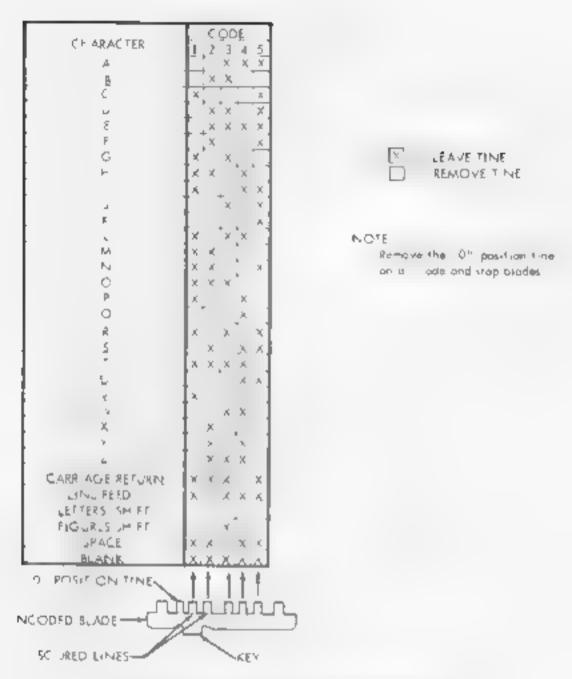


FIGURE 4-14. 178316 MODIFICATION KIT TO PROVIDE ANSWER BACK FEATURE FOR THE TRANSMITTER DISTRIBUTOR BASE (INCLUDES FIGURES 4-10 THROUGH 4-13)



Coding instructions for the Stop and Code Blades used in the Answer Book Feature on an LCXB Transmitter Distriction Base. See Figure 1. 45 for Coding Instructions for the Aleyboard Bose Feature.

FIGURE 4-15. UNCODED STOP AND CODE BLADES

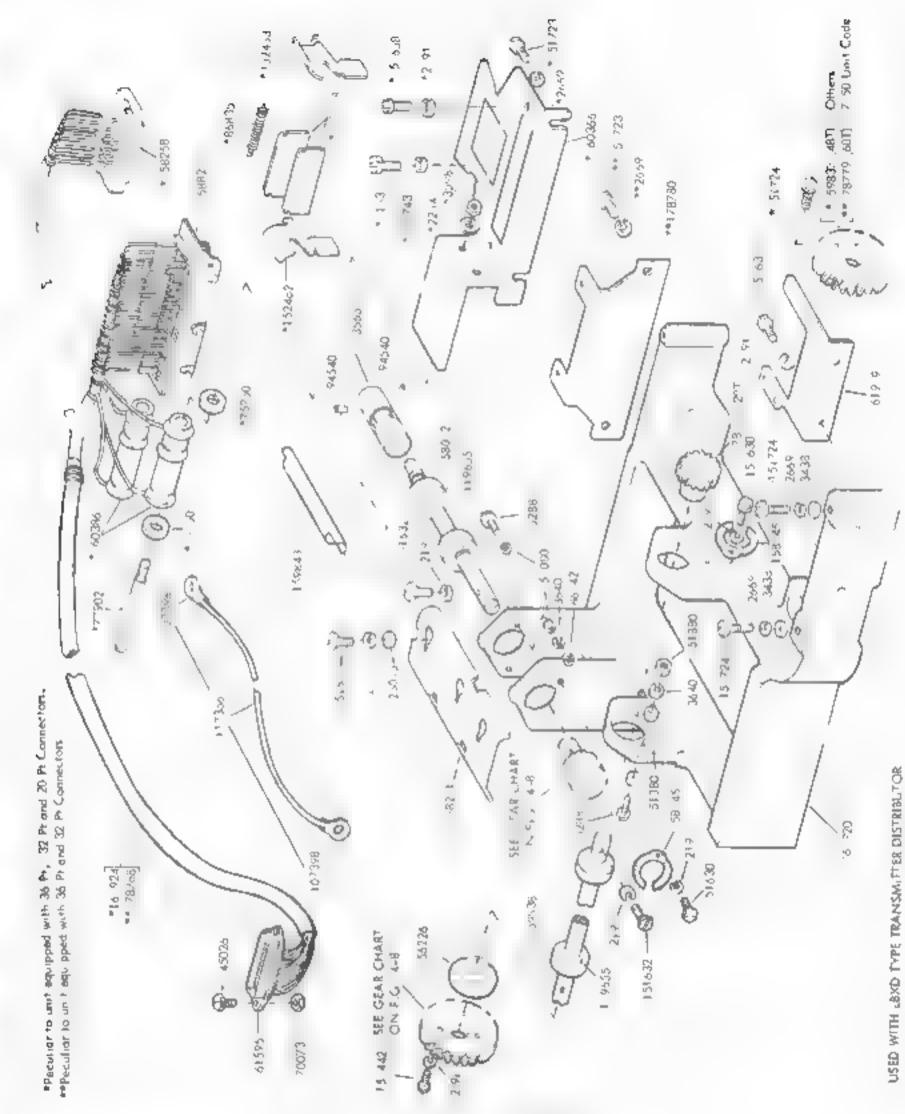


FIGURE 4-16. TRANSMITTER DISTRIBUTOR BASE

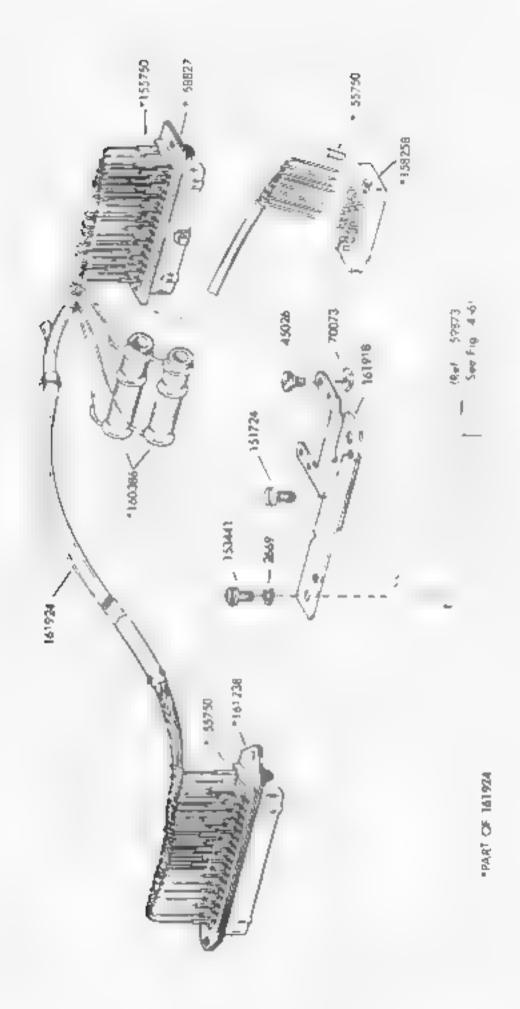


FIGURE 4-17. 161921 MODIFICATION KIT TO CONVERT AN LCX87 BASE TO ACCEPT AN LBXD7 TRANSMITTER DISTRIBUTOR

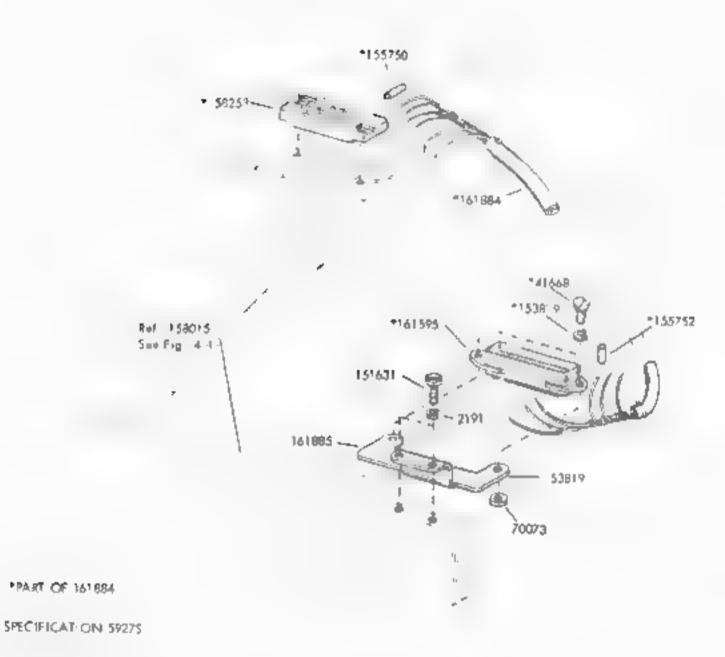
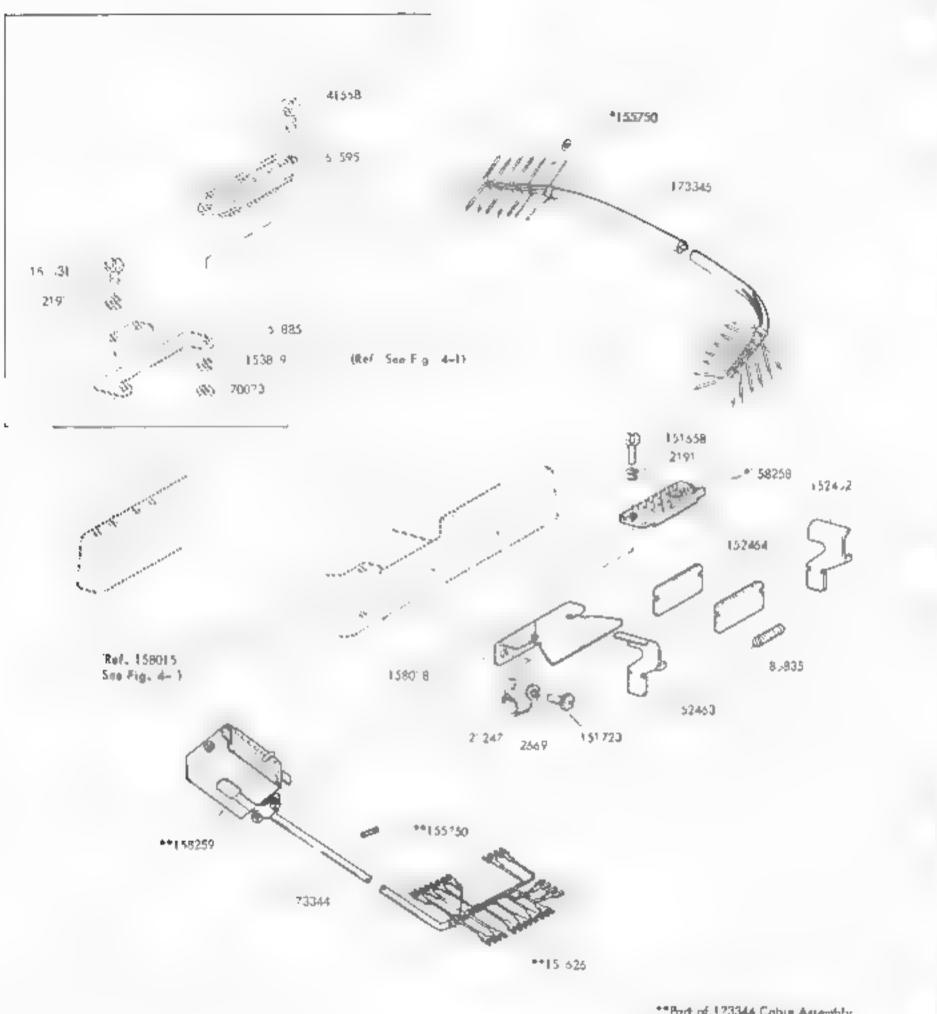


FIGURE 4-18. 161833 MODIFICATION KIT TO CONVERT AN LCX81 TO AN LCX88 TRANSMITTER DISTRIBUTOR BASE



**Port of 173344 Cable Assembly
*Port of 173345 Cable Assembly

Specification 50174\$

FIGURE 4-19. 173343 MODIFICATION KIT FOR MULTIPLE WIRE OUTPUT FACILITIES ON LCXB8 BASE

1169B

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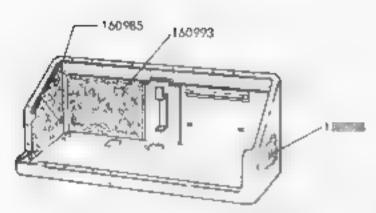
0	Port Number	Page Number	Number	Description and Page Number	Port Number	Description and Page Number
	257M 1 63	Cor , Magnet 4-13 Screw (4-40 x 3/16 Fil) 4-3,4-4 ,	110435 110743	Nut (4-40 Hex) 4-14 Washer, Lock 4-3 to 4-5,4-7,4-11,	152462	untch, flight 4-2,4-7,4-8,4- 0,4- 7, 4-20
_	64	4-5,4-7,4- 7 Some (2-56 a 3/16 Fil): 4-11	112091	4-12,4-14,4-17 Post (6-40) 4-13	152463	unich, Left 4-2,4-7,4-8,4-10,4-17, 4-20
0	1222	Screw (2-56 x 1/2 FH) 4-11	112622	5cmw, Shoulder (4-40) 4-11	152464	tritulator 4-2,4-7,4-8,4-10,4-17,
•	2034	Washer, Front 4-3,4-4,4-13	117366	Juoper (8-1/2" Green) 4-2,4-8,	161007	4-20
	2.91	Wosher, Lock 4-2 to 4-8, 4-10 to 4: 5,4-17,4-19,4-20		4-10,4-17 Wosher, Flot-4-2	152687	5craw (4-40 x 1/2 Hex) 4-2 to 4-8. 4-17
	2254	Wimber, Fish 4-7,4-17	119646	Bing, Setuining (473 ID) 4-11	152893	Screw (4-40 x 1/4 Hex) 4-5,4-7,
	2449 2539	Wosher, Lock 4-3,4-4 Nut (3/8-32 Hex) 4-8,4-12	119649	Ring, Retnining (J094 ID) 4-13 Ring, Reterring (J07 ID) 4-13	153441	4-71,4-13 Screw 10-32 x 7 16 Hax) 4-18
	2669	Washer, Lock 4-2 to 4-8,4-10,	119655	ting, Retaining (.300 ID) 4-2 to	153442	5crew (10-32 x 1/2 Hax) 4-8,4-15
		4- 5,4-17,4-18,4-20	1 to a day	4-7,4-17	153819	Weeker, Lock 4-2,4-8,4-10,4-19
_	3438 3598	Wather, Flat. 4-3 to 4-7,4-15,4-17 Not (6-40 Hex): 4-7,4-13,4-17	121244	Wosher, Spring 4-13 Closep, Cable (1/4" ID) 4-2,4-15	154694	Screw (4-40 x 9/16 Hex) 4-11 Disc 4-12
0	3599	Nut (4-40 Hax) 8-11	121245	Ciony, Cobia (5/10" ID) 4-2	155750	Siegue, insulating (3/32 D) 4-2,
	3606	Nut .6-40 Hass) :4-11	124011	Wosher, Flat 4-11,4-13		4-10,4-11,4-18,4-19,4-20
	3640	Washer, Lock 4-2 to 4-8,4-11 to	125015	Washer, Flat 4-2 to 4-8,4-10,	155752	Sheeve, resolating (5/64 D) 4-8,
	3649	4-13,4-17 Wesher, Flat 4-8	125802	4-11,4-13,4-15,4-17 Wosher, Flet 4-11	155753	4-10,4-11,4-19 Sinove, involuting (1/6 IO) 4-11
	3870	Spring 4- 3	129661	Hub 4-15	155754	Sieeve, insulating (1/16 D) 4-11
	7002	Wesher, Flat 4-10,4-11,4-14,4-15	130092	Screw, Shoulder (4-40) 4-11	155755	Steeve, implating (11/64 ID) 4-13
	7424 #330	Spring 4-13 Wesher, Flat 4-14	138034	Plans 4-11 Geor, Helical (27 f) 4-10,4-12	153996	Pinion (13 T) 4-9 Geor ,60 T) 4-9
	33820	Spring 4-11	150013	Disk, Adjusting 4-12		Pinion (12 T) 4-9
	41668	Screw, Shoulder (3-48) 4-2,4-8,	150026	Lever, Clutch Shee 4-12	155999	Gear (\$4.7) 4-9
	42661	4-10,4-19 Spring 4-11	150040	Wick, Folt 4-12 Scoon (6-40 x 5/4 Fil) 4-12	156226	Hub, Genr 4-2 to 4-8,4-17 Ring, Ratoining (5/16) 4-8
	42823	Wester, Flet 4-12	1	Show, Secondary Clutch 4-12	156532	Core Amendy 4-13
	45026	Screw, Shoulder (3-48) 4-17,4-18	150044	Shae, Primery Clutch 4-12	156602	Screw (4-40 x 13/32 Hex) 4-11
	49056	Seraw (10-32 x 7/8 Hex.) 4-5,4-6,	150941	Spring 4-12 Eccentric 4-3,4-4	156740	Screw (6-40 x 7/32 Hex) 4-15
0	55043	Serine 4-13	151000	Wester, Flat 4-2 to 4-8,4-17	157165	Connector, Plug (32 Pt) 4-5 Geer (35 T) 4-15
	6 085	Wester, Look 4-5,4-7,4- 7	151132	Screw (4-40 x 3/16 Hex) 4-11,	157184	Washer, Felt 4-15
	70073	Nut (3-48 Hex) 4-2,4-6,4-10, 4-17 to 4-19	151246	4-13 Wosher, Flot 4-8	158001	Gear, He loal (33 7) 4-9 Gear, He loal (11 7) 4-9
	71054	Wesher, Flort 4-3,4-4	151344	Screw (4-40 x 3/8 Ftl) 4-15	158003	Guer, He log (12 T) 4-9
	73175	Wosher, Lack 4-8,4-12	151442	Screw (6-40 x 1/2 Hax) 4-2 to		Geet, He loat (47 T) 4-9
	73427 74702	Washer, Flot 4-11 Sering 4-11	151572	4-8,4-17 Wosher, Leek. 4-15	158005	Pinion (9 T) 4-9
	74807	Nut (10-32 Heat) 4-2,4-8,4-10	151424	Terminol 4-11,4-20	158004	Gear, Heliau: (44 T) 4-9 Sheft 4-2 to 4-8,4-17
	75750	Weither, insulating 4-7,4-17	151630	Screw (6-40 x 1/4 Hex) 4-2 to	158013	Coupling, Shaft 4-2,4-8
	74279 77902	Server (1/4-22 x 5/8 Hex) 4-3/4-4	151631	4-8,4-17,4-13,4-17	158015	Bose 4-2
	78533	Screw (6-40 x 2-3/8 Rd) 4-7,4-17 Spring 4-11	121-031	Screw (6-40 x \$/16 Hex): 4-2 re 4-8,4-10,4-11,4-15,4-17,4-19	159017	Shoft 4-2 Brocket 4-2,4-8,4-10,4-20
	80706	Screw, Set (4-40) 4-11	151632	Screw (6-40 x 8/8 Hax) 4-2 to	58027	Geet Set (100 WPM, 4-9
	\$4 575	Spring 4-1)	151633	4-8,4-10,4-13,4-17	158028	Gear Set (75 WPM) 4-9
	86079 86742	Wesher, Felt. 4-13 Nut (4-40 Nex): 4-3 to 4-7,4-17	151657	Bearing, Bull 4-8 Screw (6-40 x 1/4 Fil) 4-2,4-15	158029	Geor Set (60 WPM, 4-9 Connector, Plug (20 Pt) 4-2,4-7,4-8,
U	84835	Spring 4-2,4-7,4-8,4-10,4-17,	151650	Screen (6-40 x 5/16 Fil) 4-2,4-7,		4-10,4-17 to 4-20
	#com?	4-20	167600	4-8,4-10,4-17,4-20	156259	Connector, Recogniscia (20 Pt, 4-8,
	66050	Screw (10-32 at 1-1/4 Hext) 4-3, 4-4	151659	Screw (6-40 x 1/2 Fil) 4-15 Screw (4-40 x 7/16 Fil) 4-3	158271	4-20 Guard, Geor. 4-2 to 4-8,4-17
	90790	Wesher, Flot 4-13	15 -688	Screw (4-40 x 5/8 FII) 4-4	158588	Post (4-40) 4-14
	90951	Wesher, Lock 4-34	151693	Screw (6-40 x 9/16 F71) 4-14		Connector, Plug (14 Pt) 4-5,4-7
	92280 9311#	Wester, Lock 4-7 Wester, Lock 4-11	151721	Screw (6-40 x 3/4 Hex) 4-14 Screw (6-40 x 3/16 Hex) 4-13	150745	Plate W/Shaft, Chitch Trip 4-13
	93356	Wester, Fult 4-13	151723	Screw (10-32 x 3/8 Hex) 4-2 to	158757	Hinge, Meunting 4-13
	94540	Screw, Set (10-24) 4-2 to 4-8,	2007	4-5,4-7,4-10,4-17,4-20	159758	Shuft 4: 13
	94726	4-10 Sense (3-48 x 1/4 F1): 4-5,4-7,	151724	Screw (10-32 x 5/8 Hex) 4-17, 4-18	1.50761	Fast (4-40) 4-13 Sail 4- 3
		4-11	151728	Spring 4-12	(36/8)	Screw, Contact (6-40) 4-14
	98832	Serew (4-40 x 11/16 Fill) 4-14	151733	Screw (4-40 x 9/16 Fil) 4-34	150747	Guide, Laver 4-14
	99978 101633	Connector, Plug (4 Pr) 4-11 Wesher, Flot 4-15	551737	Screw (4-40 x 11/64 Hex) 4-11,	156748	Termine. 4-14
	103305	Wesher, Flor 4-2,4-8,4-10		4-12,4-13	158777	Terrenot, Spring Heider 4-14 Holder, Screw (4-40) 4-14
V	105028	Wick, Felt 4-13	151400	Nut (4-40 Hox) 4-2,4-7,4-8,	150778	Past, Spring 4-11
	107396	Term net 4-10,4-17		4-11,4-14,4-17	158779	Saver, Com Follower 4-11

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Part	Description and	Port	Description and	Port	Description and
Number	Fage Number	Number	Poge Number	Number	Page Number
5878	Rocker, Contact 4-14	161920	lose 4-17	176725	Cable Asserbly 4.11
58785	Mock, Distributor de 14	161924	Cable Assembly 4-17,4-18	176726	Coble Assembly 4-11
58786	Clomp 4-12	163003	Geor (20 T) 4-2	176732	Sleeve, Care 4-12 Guide 4-11
58797	Drum Clutch 4- 2	163452	Pinion (20 T) 4-9	176733	
58827		163453	Geor (56 T) 4-9	176734	Brocket 4-1 Brocket 4-11
MOL/	Connector, Recuptocia (32 Pt) 4-5,	163454		176735	Shaft W Bearing 4-12
50850	4-7,4- 7,4- 8		Gear Set (105 WPM) 4-9	176736	Screw, Shoulder 4-40; 4-11
58883	Bearing 4-12 5pr ng 4-14	163497	Pinion (*5.T) 4-9	176737	Level Datent 4 11
58895	Clip 4-12	163498	Geor (63 T) 4-9	176738	Screw, Shoulder (10-32) 4-11
58896		163499	Geor Set 4-9	176739	Geor (45 T) 4-11
58926	Lever, Latch 4-73	163515	Stud, Shoulder 4-B	176741	Geor (33 T) 4-10
	Screw (4-40 ± 7/32 Hex., 4- 2	163577	Oushing, Rubber 4-2,4-8,4-10	176743	Geor (33 I) 4-10
57233	5hud (6-40) 4-3,4-4	164101	Stud, Shoulder 4-2,4-10	176745	Geor (40 T) 4-10
5934	Bearing, Ba I 4- 2	164161	Drum, Message 4-11	176751	Shaft 4-10
59800	5pr ng 4-14	164162	Ring, "O" 4-11	176752	Ring Retaining 4-10
59836	Gnor (24 T) 4-3 to 4-7	164164	Blade, Code 4-11	176754 176755	Lever, Com Fe. lever 4-11
59837	Geer 48 T, 4-5 to 4-7.4- 7	164966	Geor (42 1) 4-15	176756	Lever, Com Fo lower 4-1 Lever Com Fo lower 4-1
59838	Shaft 4+3 to 4-7,4- 7	164974	Plore 4-12	176757	Laver Com to lower 4-11
59839	Brocket Plug Mounting 4-4	184975	Shaft W/Bearing 4-12	176758	Lever, Com Fo lower 4-1)
59840	Brocket, Plug Mounting 4-3,4-5	164976	Plate 4-11	176759	Lever, Code Brade (Stop Com 4-11
59843	Shaft, Coup ng 4-5 to 4-7 A 7	164977	Shoft, Lavar 4-11	176760	Bracket, Mounting 4-11
59844	Sase 4-3	164981	Lever, 1rip. 4-13	176761	Braciest 4-11
59845	Beste 4-4	364982	cever frip 4-13	176762	Brocket, Connector 4-11
59846	5hg9, Coupler 4-3,4-4	85027	Network, Spark Suppression 4-13	176768	Laver, Drive 4-11
59873	Bota 4-5,4-6,4-7	765691	Coble Assembly 4-11	176769	Sorew, P lot (6-40 4-11
59882	Gear Set (63 WPM) 4-P	170189	Pinion (15 1) 4-9	176813	Guide 4-11
59883	Gear Set (106 WPM) 4-9	170190	Gear (5) 1) 4-9	176814	Screw, Shoulder (4-40) 4-11
60366	Brocket 4-7,4-37	170291	Shoft W/Begrings, Idler 4-8	176815	Pavel, Stepping 4-11
60368	Cable Assembly 4-7	170293	Pinion (11 T) 4-9	176816	Plote 4-11
60374	Cobie Assembly 4-4,4-5	170294	Shoft, W/Bearings 4-8	176817	Plate W/Shaft Drive 4-11
60384	Brooket 4-5.4-7	170293	Gear (25 T) 4-6	178316	Modification Kil 4-10 to 4-15
60386	Resistor (1900 Ohm) 4-7,4-17,4-16	170297	Geor (33 T) 4-9	178320	Bracket Connector 4- 5
60425	Shid, Adjusting (4-32) 4-3,4-4	170298	Gear (40 T) 4-8	178321	Piate Mount ng 4- 5
60626	Insulator 4-11	170300	Nation 4-8		
60627	Bushing, insulating 4-13	170301	Geer (50 T) 4-8	178322	Frome, Distributor 4-15
40428	Spring, Contact 4-11	170310		170323	Coble Assembly 4-11
60630	Spring, Control 4-11	171541	Coble W/Connector 4-8	170325	Gover, Insulator 4-14
40637	Spring, Contact 4-11		Diode (IN1693) 4-15	178333	Bracket 4-11
60975	Nut 1/4-32 Hert 4-3,4-4	172760	Ametura 4-13	178768	Coble Assembly 4-17
	_	172985	Shoft W/Bearings and Gear 4-15	178769	Geor Set 100 WPML 4-9
61238	Connector, Receptoris (36 Pt 4- 6	173343	Modification Kit 4-20	178770	Pinion (23 T 4-9
61330	Gear, Harcost (49 T) 4-9	173344	Coble Assembly 4-20	170771	Geor (46 T) 4-9
61331	Geor, Hallon (11 4-9	173345	Cobin Assembly 4-20	178772	Geor Set (67 WPM 4-9
61332	Gear (42 T) 4-9	173776	Goer Ser (65 WPAA) 4-9	178773	Pinion (20 T) 4-9
61333	Pinion (10 T) 4-9	173818	Pinion (13 T) 4-P	178774	Geer (60 T) 4-9
61353	Gear (63 T) 4-9	173819	Geer (60 T) 4-9	178775	Geor Set (6) WPM) 4-9
61354	Pinten (15 T) 4-9	174250	Pin, Reil 4-10,4-12	179776	Pinlan (17 T) 4-9
61356	Geer Set (67 WFM.) 4-9	174260	Coble Assembly 4-8	178777	Gest (56 T) 4-9
61357	Gear Set 4-9	174261	Coble Assembly 4-8	17077#	Plniss (20 T) 4-17
41359	Gear Set 4-9	176163	Jumper (18*) 4-11	178779	Gear (60 T) 4-17
6 525	Connector, Plug 4 Pt) 4-31	176326	Screw, Shoulder (10-32 LH) 4-15	178780	Stocket, Connector 4-17
61526	Connector, Recoptacle (c4 Pt) 4-11	176655	Pero 4-10	178871	Sleave, insulating (7/16 x 1- /8")
5 595	Connector, Receptatio (36 27) 4-2,	176656	Shoft 4-10		4-13
	4-8,4-10,4-17	176657	Shorft 4-10	178872	Sleave, insulating 1/16 x - /4";
1833	Mod Ticution Kit 4-19	376717	Fromp, Distributor 4-11		4-13
837	Bracket 4-13	176719	Resulter (1000 Ohio) 4-11	193565	Coupling, Flexible 4-2 to 4-8,
61884	Cable Assembly 4-2,4-8,4-10,4-19	176720	Contact Ameribly 4-11	114444	4-10,4-17
61885	Bracket, Connector 4-2,4-8,4-10,	176721	feechat, Contact 4-11	194356	
2.000	4-17	176722			Pinion (15.5) 4-2
6 918		176723	Plate, Mounting 4-11	195144	Pinion (11 5) 4-9
	Bracket, Connector 4-18 Bracket, Connector 4-17	176724	Blesle, Stop 4-11 Coldy Assembly 4-11	195145 195176	Gear (49 T) 4-9 Guard, Contact 4-11
6 919				A Section 1 Teles	

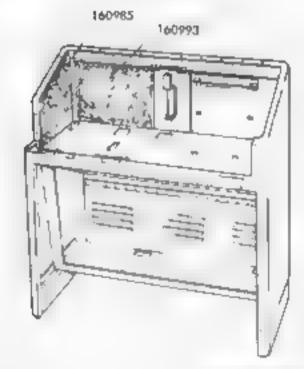
SECTION 5

AUTOMATIC SEND-RECEIVE CABINET (LAAC)



TYPICAL TABLE MODEL, CABINET

CABINET T	A NE S
Ganera - Purposé	Special Purpose
Accommodates Fixed Head Transmitters & Transmitter Distributors	Accomodores Pivoted Head Transmitter Distributors
• LX • LXD • LBXD	LAXD LCXD LFXD



TYPICAL FLOOR MODEL CASINET

FIGURE 5-1. TYPICAL CABINETS

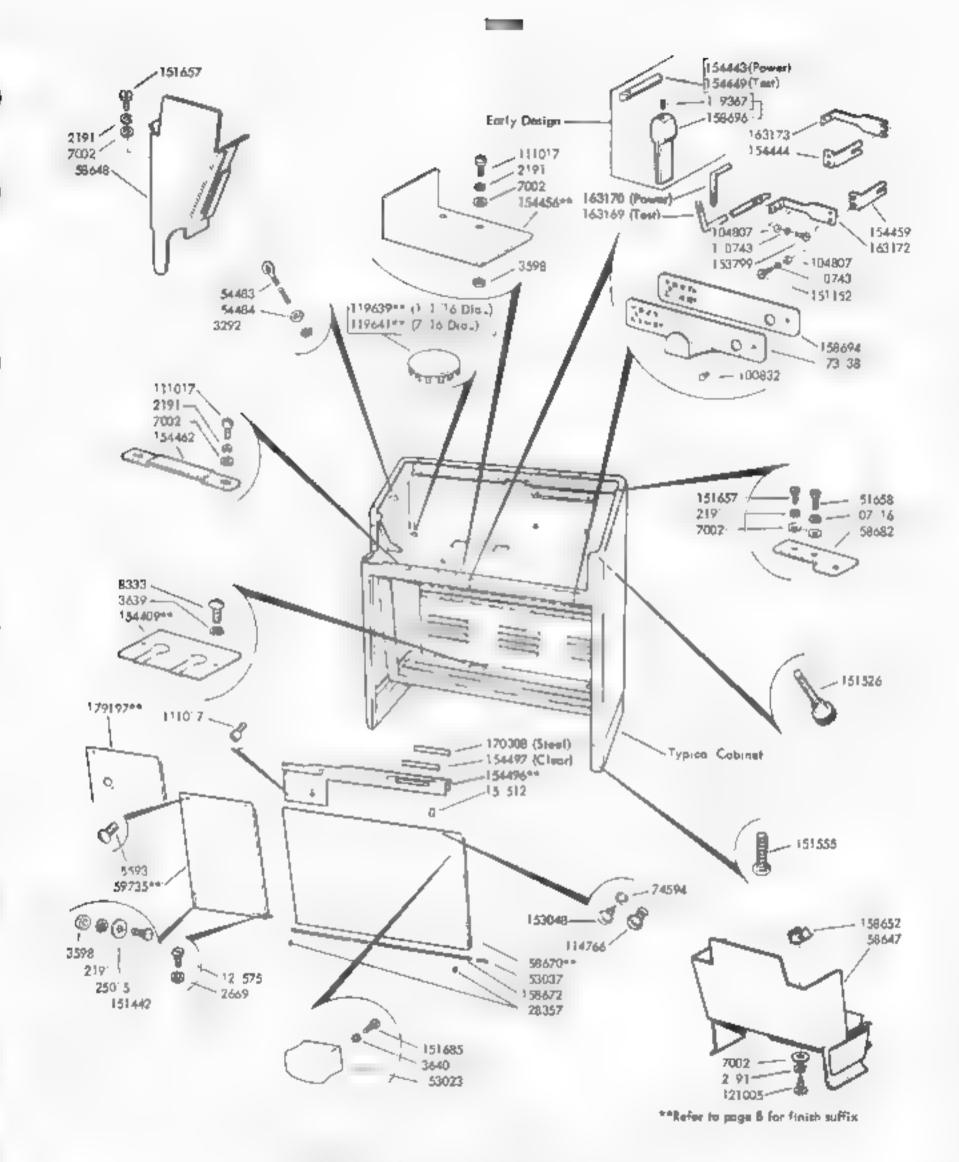


FIGURE 5-2. CABINET BASE COMMON PARTS

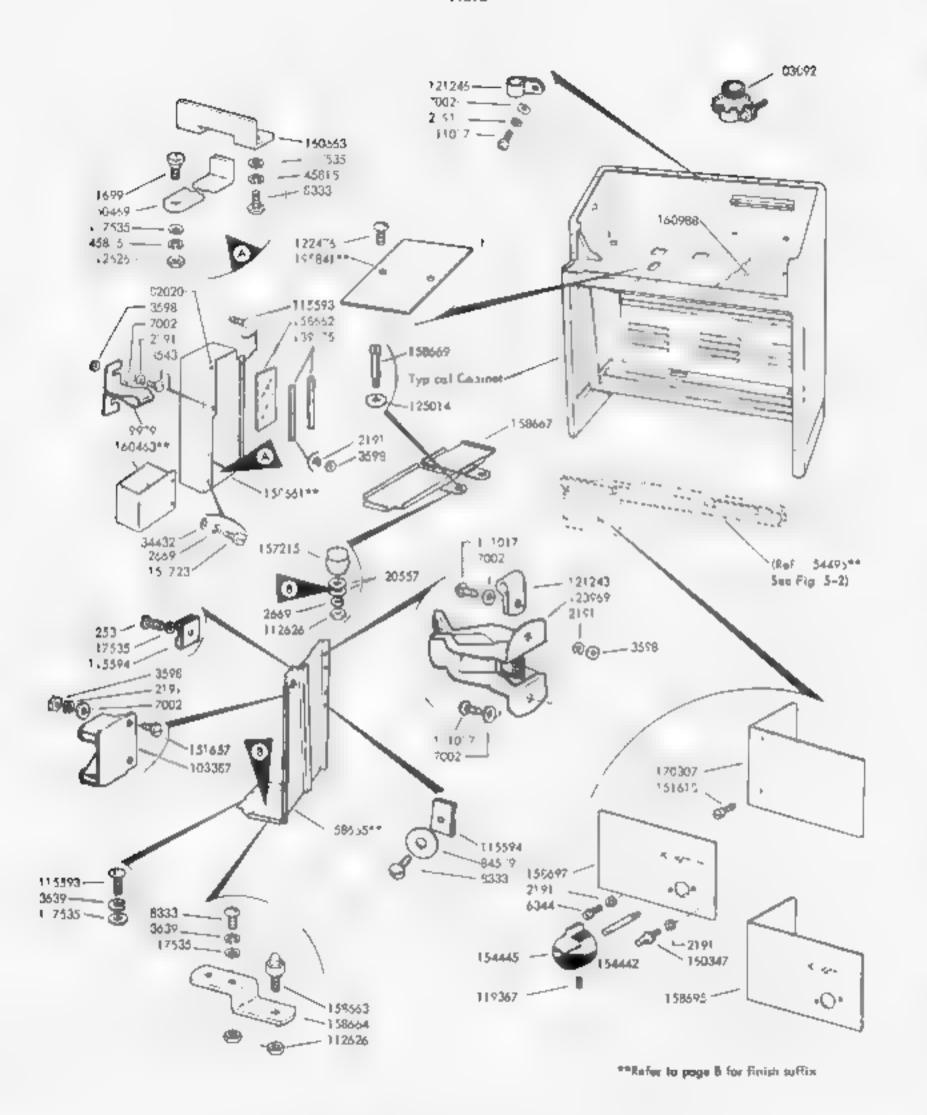


FIGURE 5-3. CABINET BASE COMMON PARTS......Continued

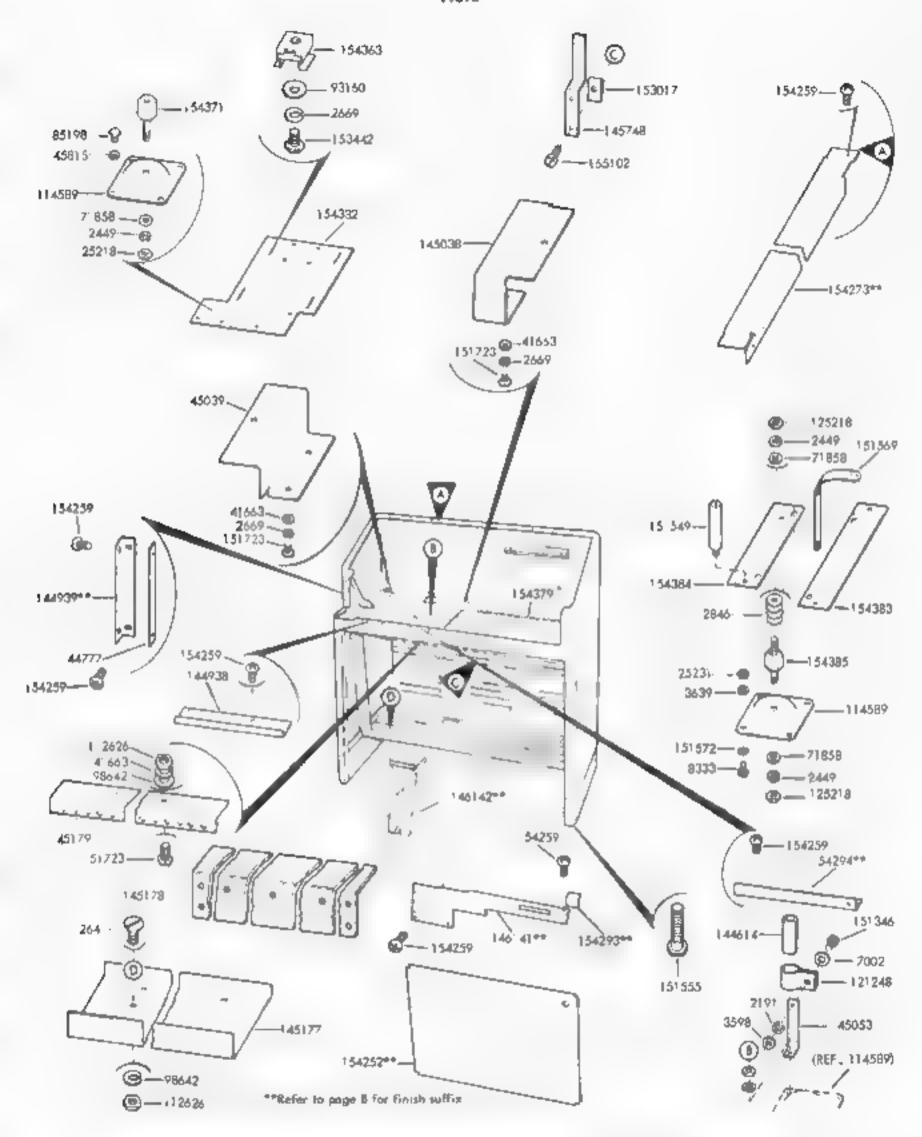


FIGURE 5-4. CABINET BASE TO ACCOMMODATE PULL-BACK TRANSMITTER

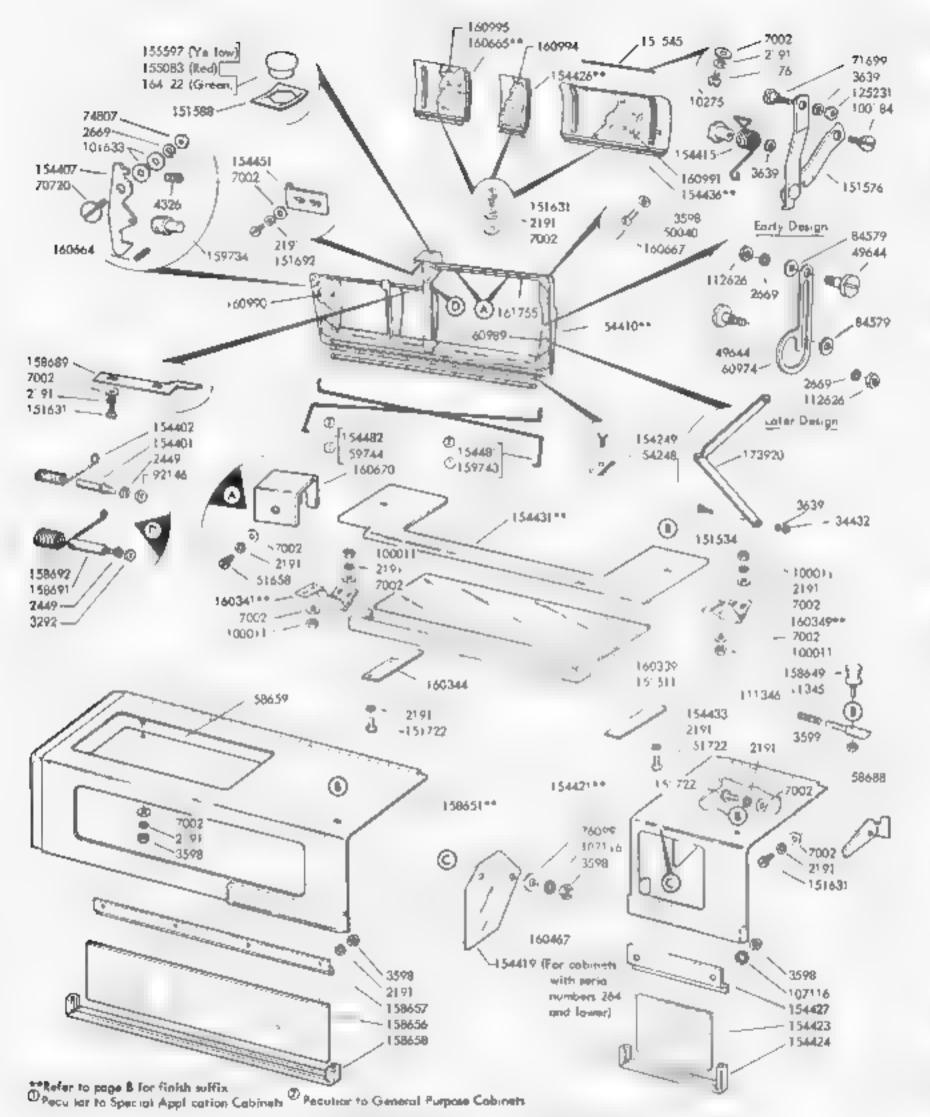


FIGURE 5-6. CABINET DOME, LATCHES AND DOORS

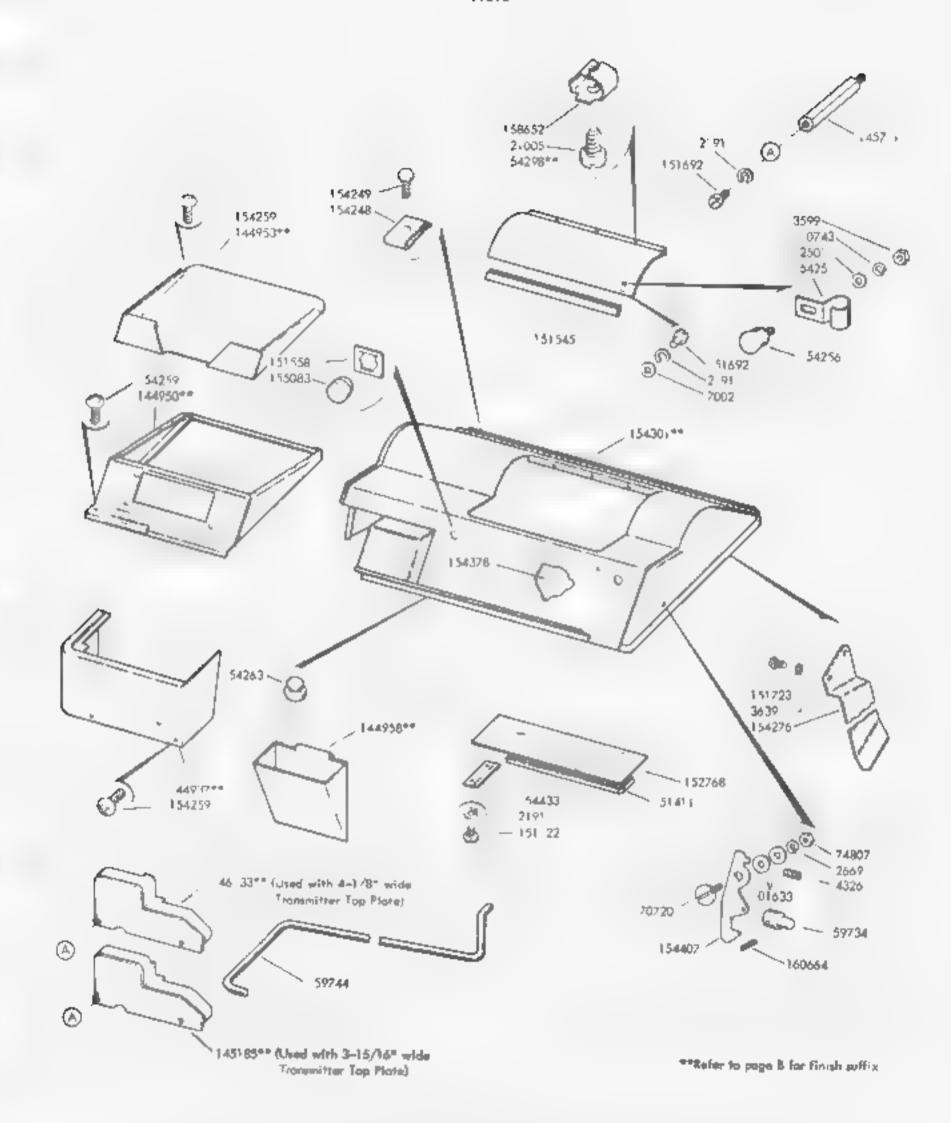


FIGURE 5-6. CABINET DOME TO ACCOMMODATE PULL-BACK TRANSMITTER

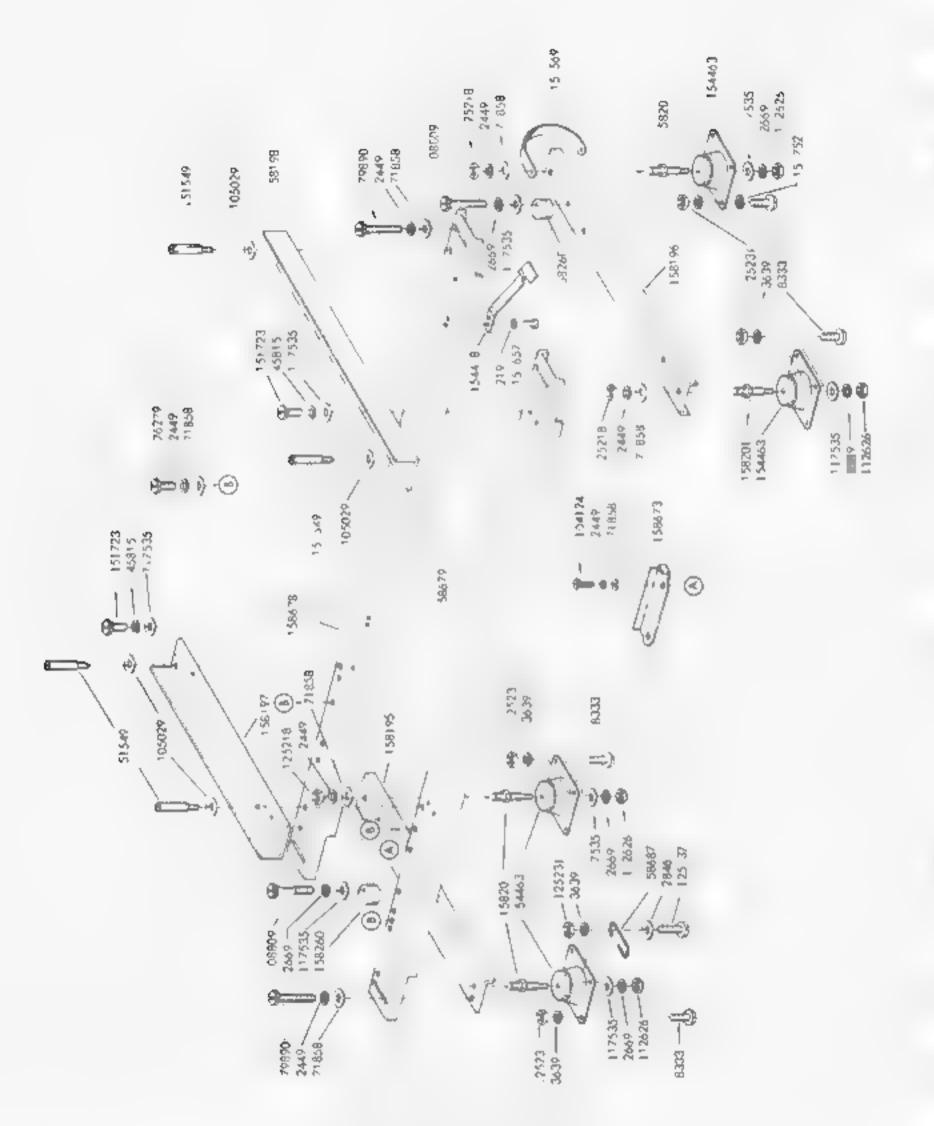
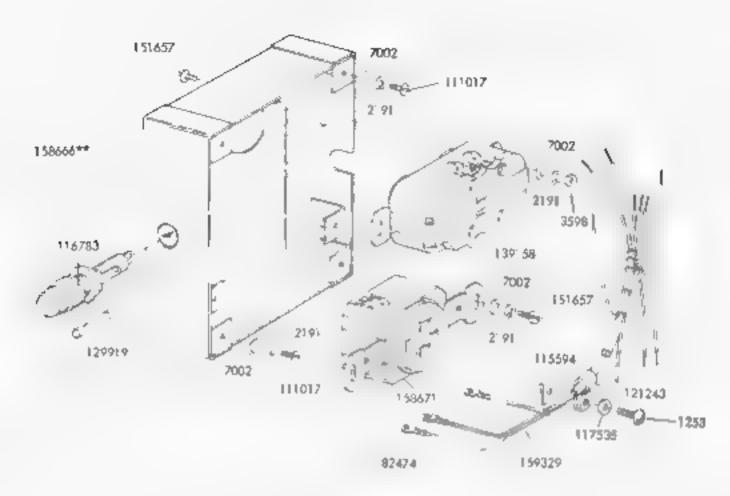


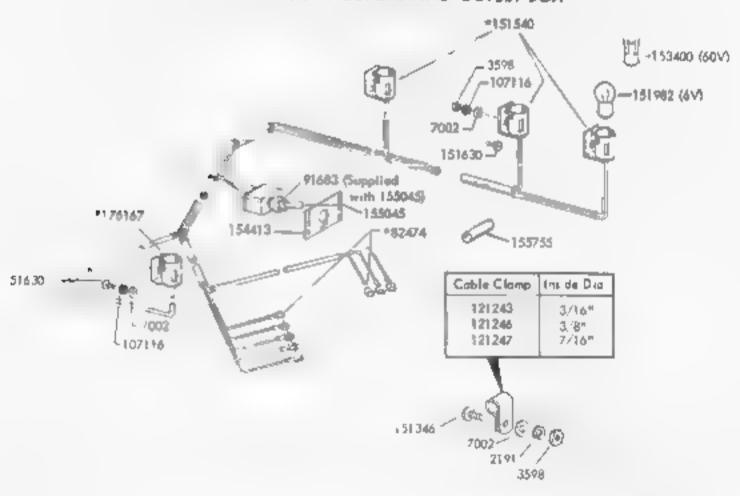
FIGURE 5-7. CRADLE ASSEMBLY



. 1

**Refer to page B for finish suff \times

FIGURE 5-8. RECEPTACLE CONNECTORS AND OUTLET BOX



*Part of 54440

FIGURE 5-9. 154440 CABLE ASSEMBLY

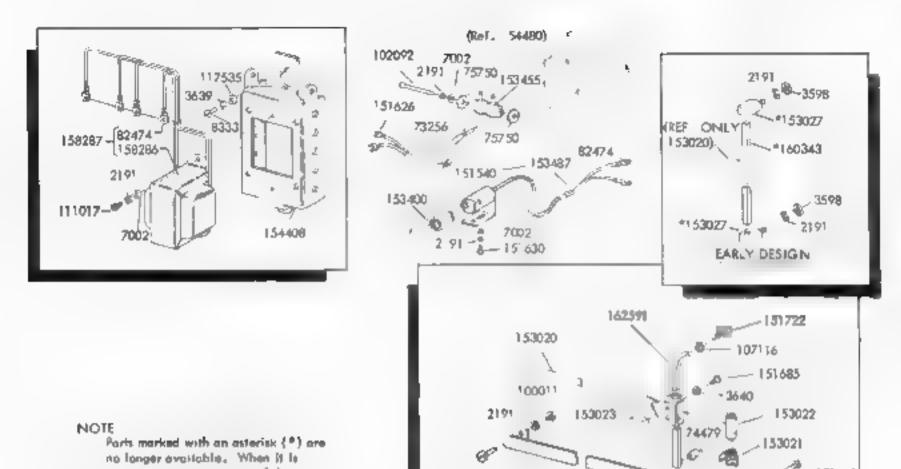


FIGURE 5-10. TRANSFORMER AND LINE GUIDE

151658

154404

necessary to replace any of these parts

a .61307 Modification Kit should be

ordered instead

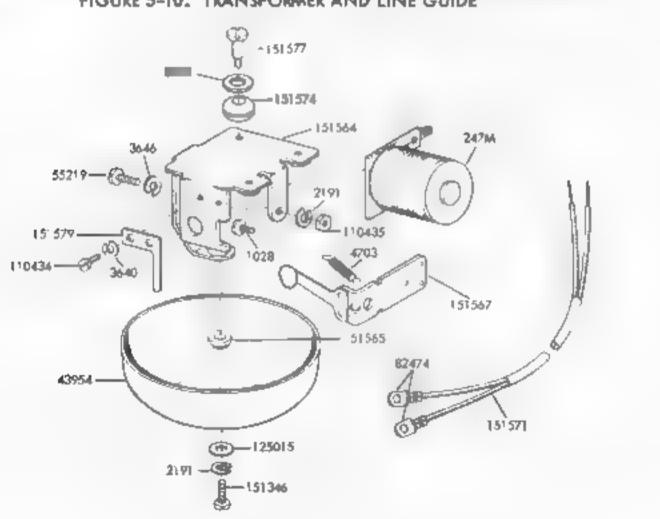


FIGURE 5-11. 151560 SIGNAL BELL ASSEMBLY

151442

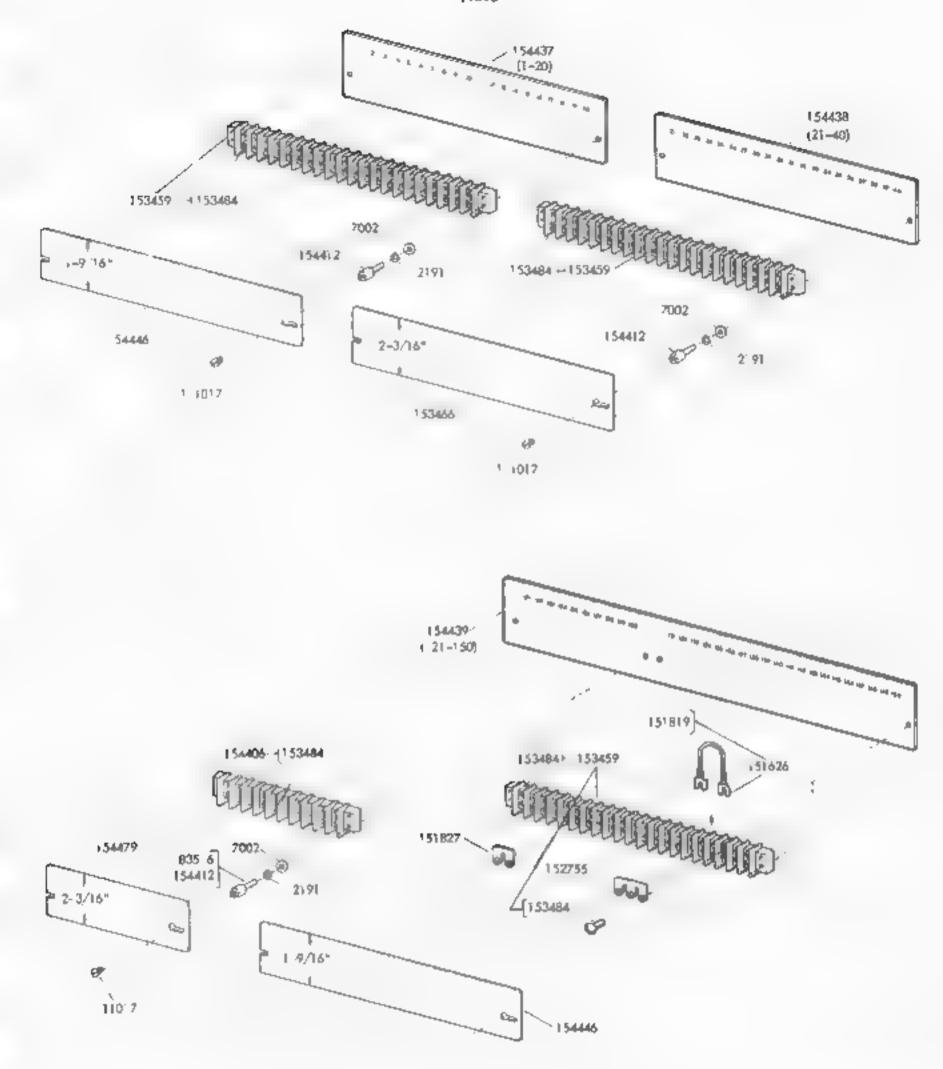


FIGURE 5-12. TERMINAL BLOCKS

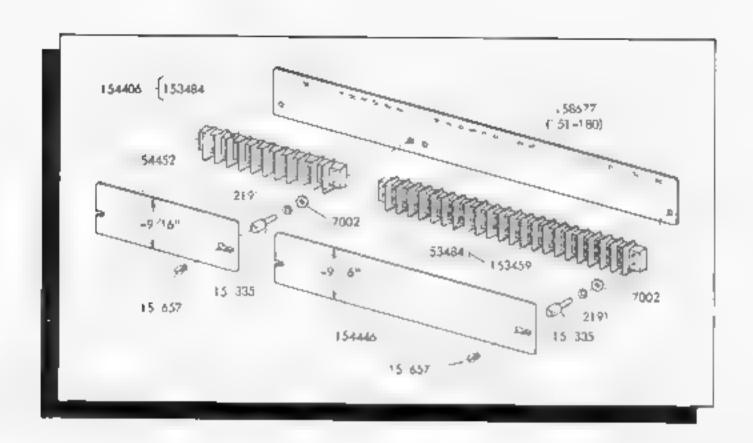


FIGURE 5-13. 159396 MODIFICATION KIT TO ADD AUXILIARY TERMINAL BLOCKS - TOP ROW LEFT REAR

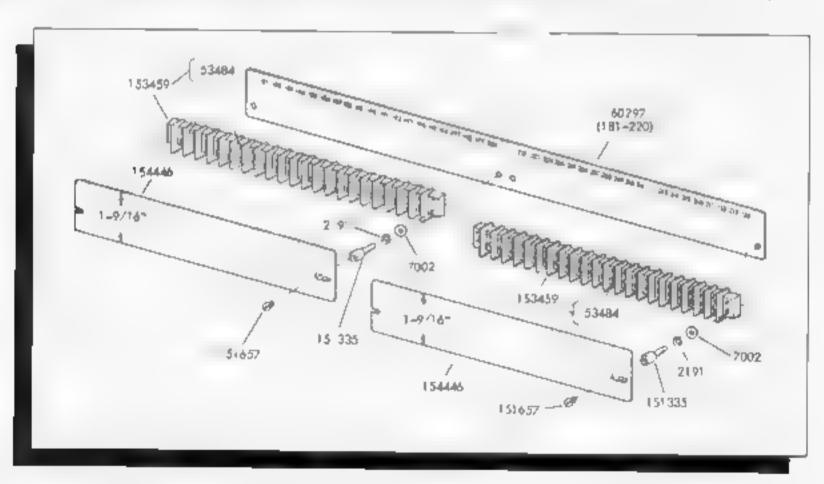


FIGURE 5-14. 159384 MODIFICATION KIT TO ADD AUXILIARY TERMINAL BLOCKS - TOP ROW RIGHT REAR

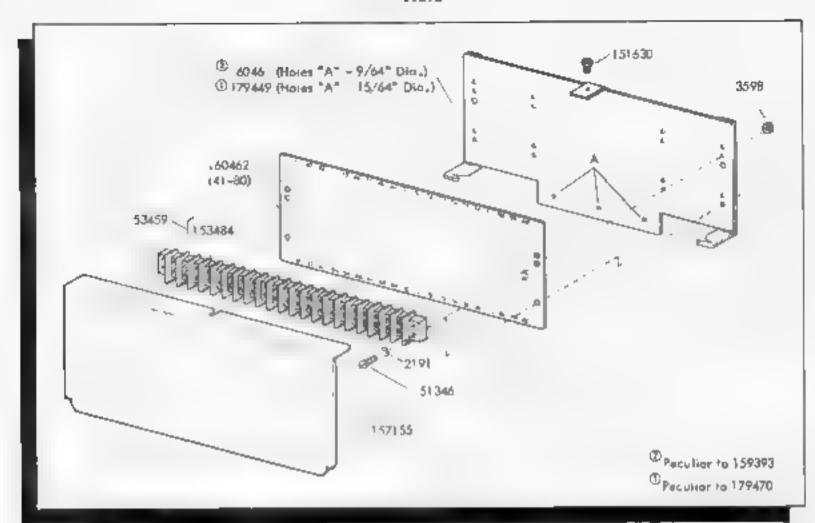


FIGURE 5-15. 159393 MODIFICATION KIT AND 179470 ASSEMBLY TO ADD AUXILIARY TERMINAL BLOCK - RIGHT SIDE

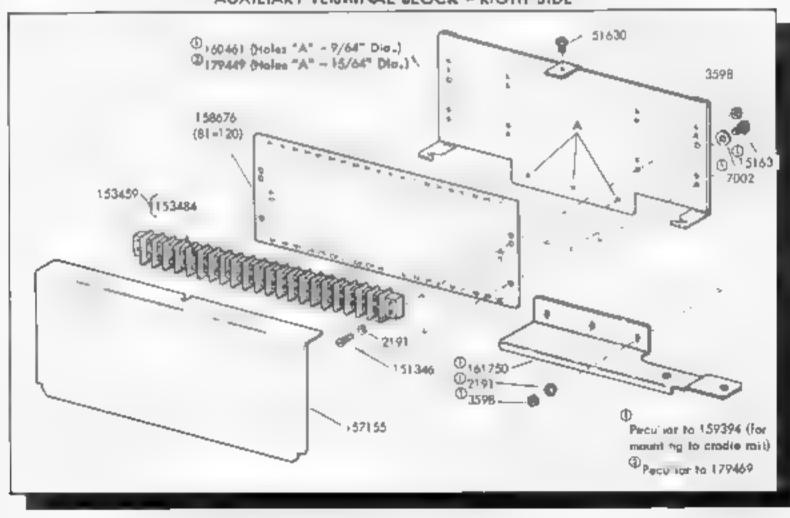


FIGURE 5-16. 159394 MODIFICATION KIT AND 179469 ASSEMBLY TO ADD AUXILIARY TERMINAL BLOCK - LEFT SIDE

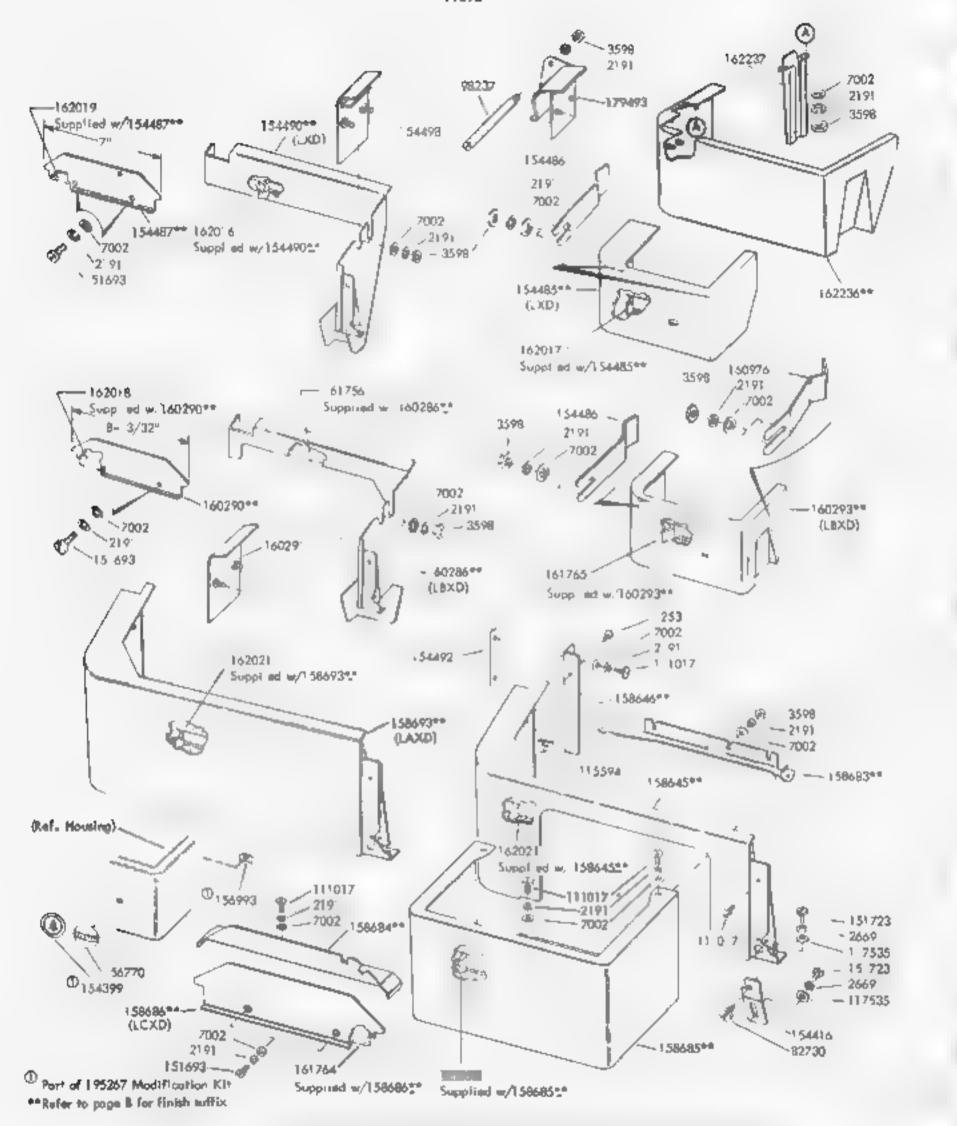


FIGURE 5-17. TRANSMITTER AND TRANSMITTER DISTRIBUTOR HOUSINGS

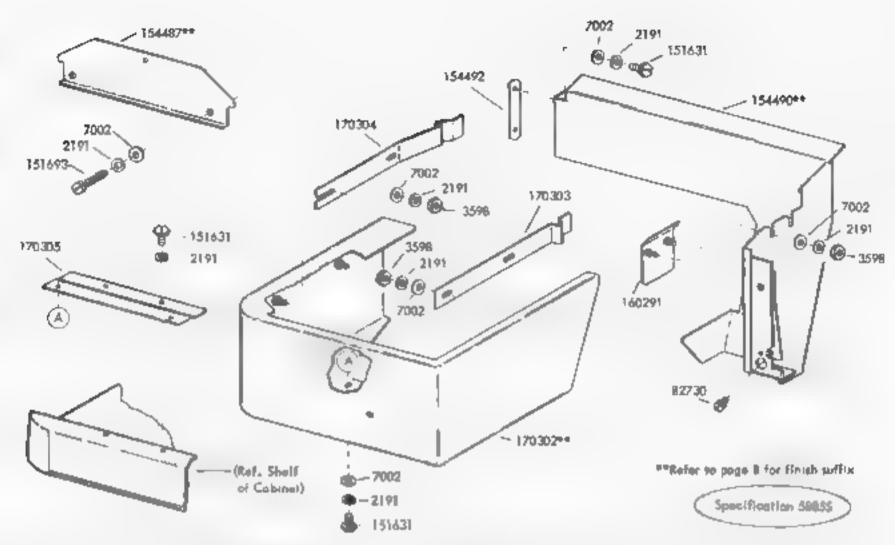


FIGURE 5-18. 170272** MODIFICATION KIT TO PROVIDE DUAL TRANSMITTER DISTRIBUTOR HOUSING

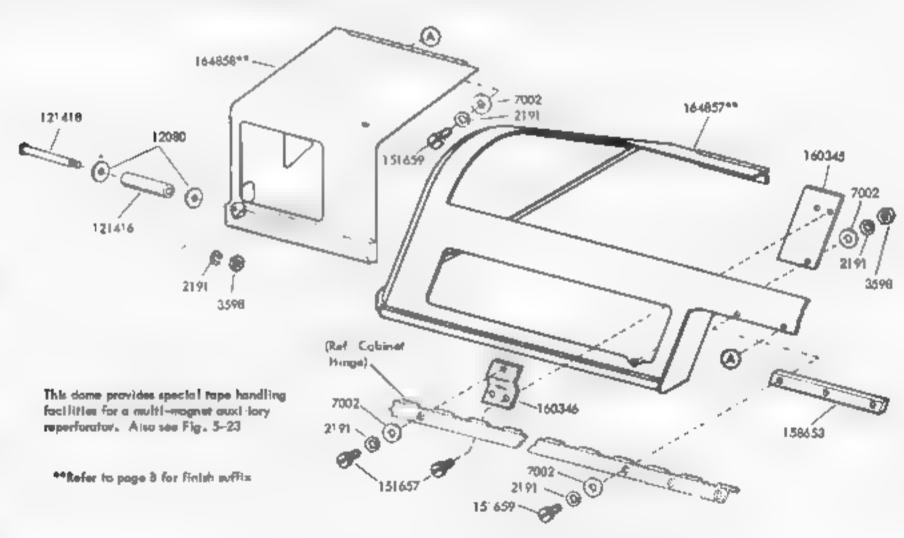


FIGURE 5-19. CABINET DOME VARIABLE FEATURES

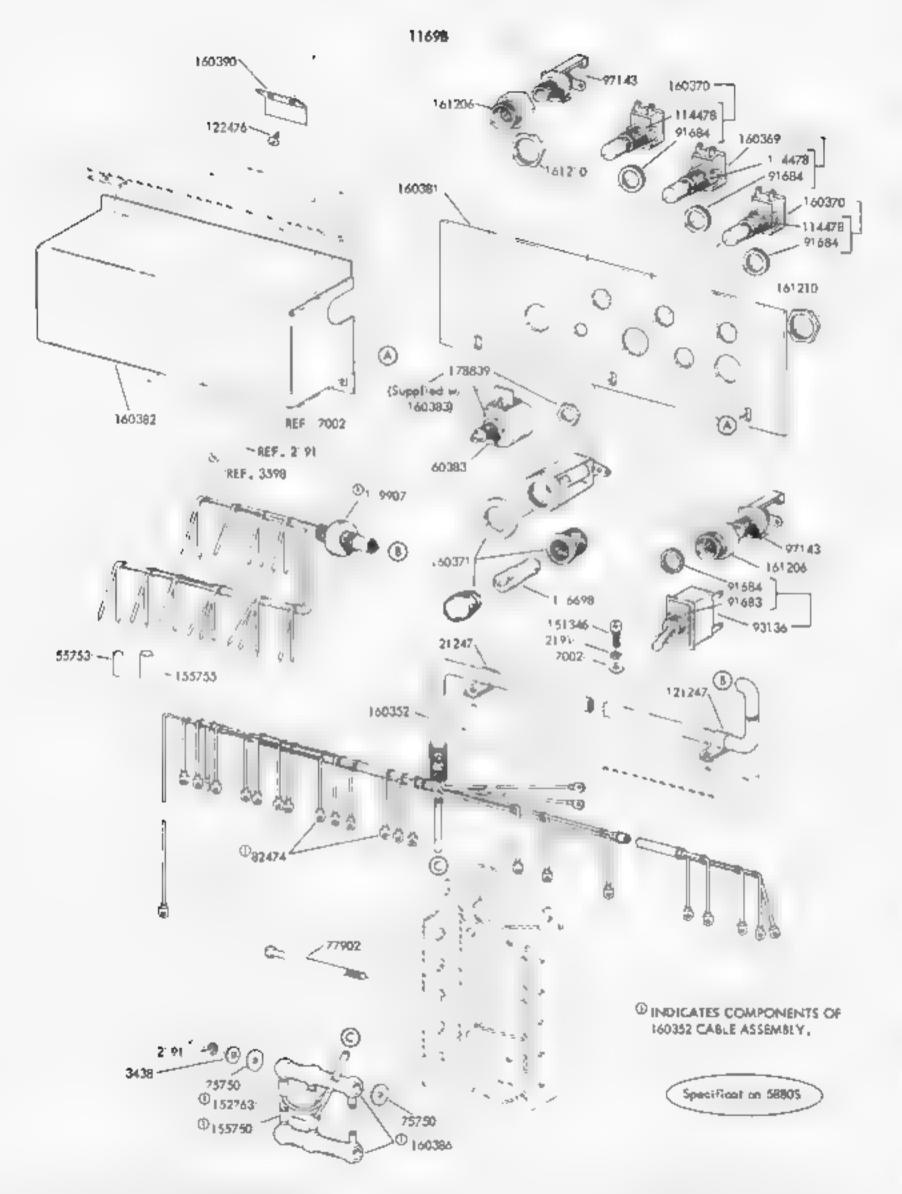
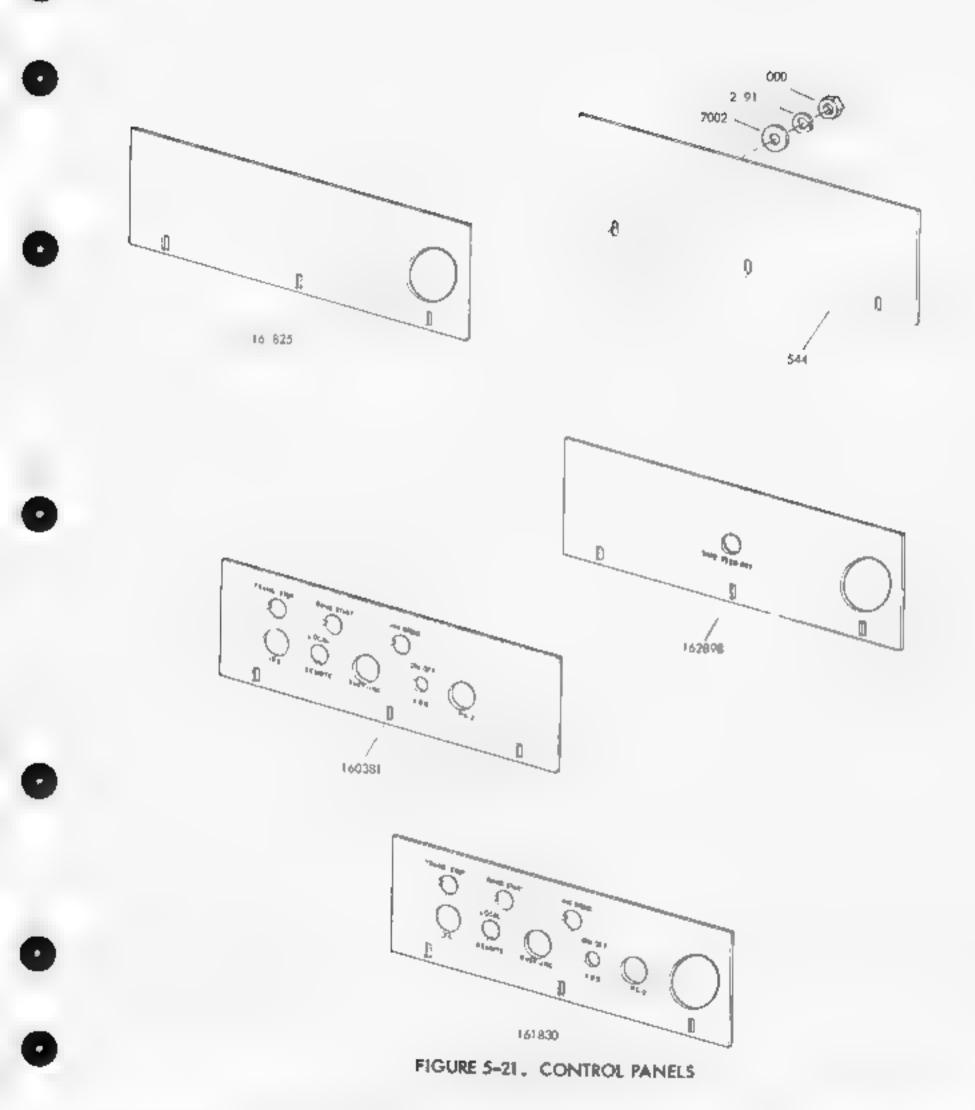


FIGURE 5-20. 160355 MODIFICATION KIT TO PROVIDE CONTROL PANEL FOR TRANSMITTER DISTRIBUTOR



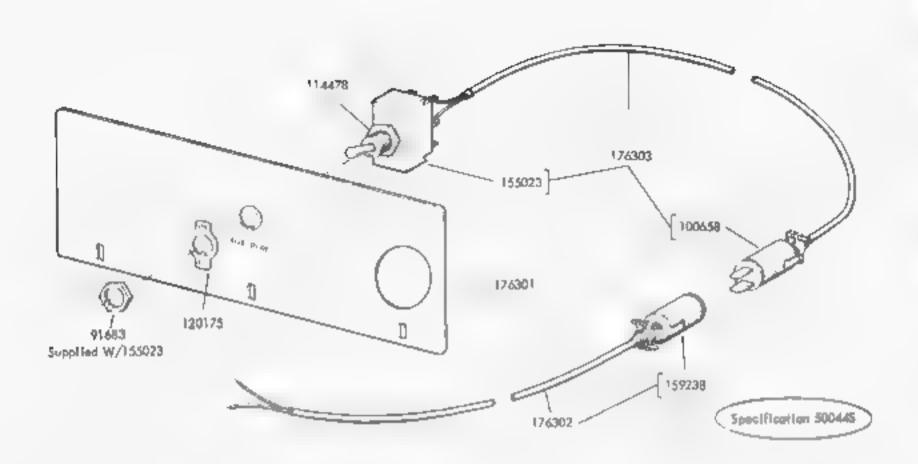


FIGURE 5-22. 176300 MODIFICATION KIT TO PROVIDE AUXILIARY REPERFORATOR MOTOR CONTROL PANEL

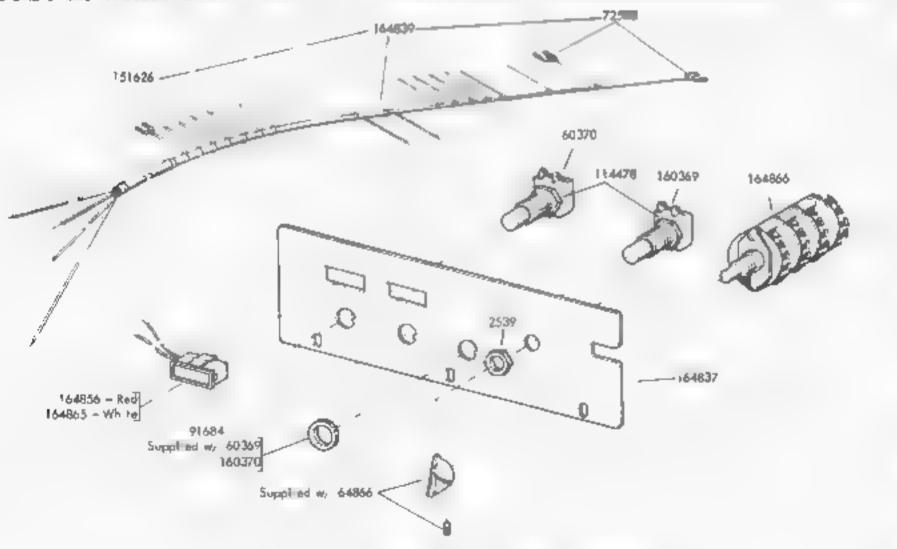


FIGURE 5-23. 164838 CONTROL PANEL ASSEMBLY

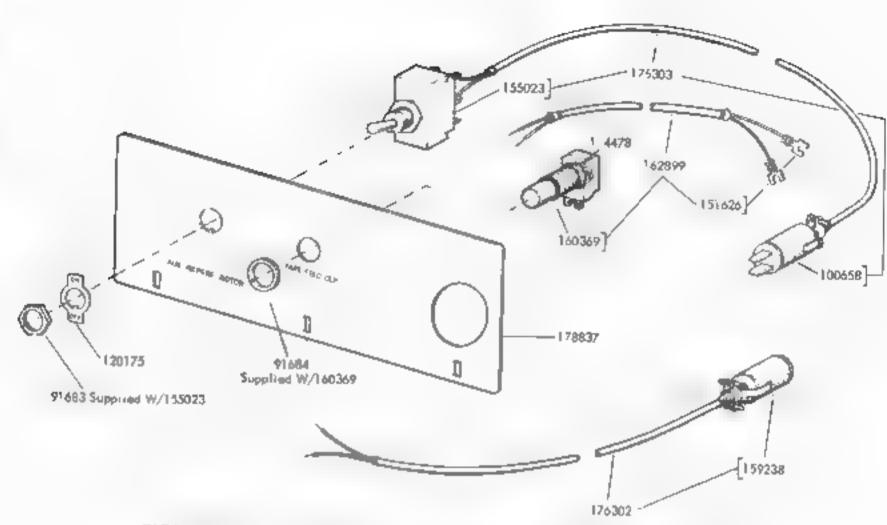


FIGURE 5-24. 178838 MODIFICATION KIT TO RELOCATE POWER SWITCH FROM AUXILIARY BASE TO OUTSIDE OF CABINET

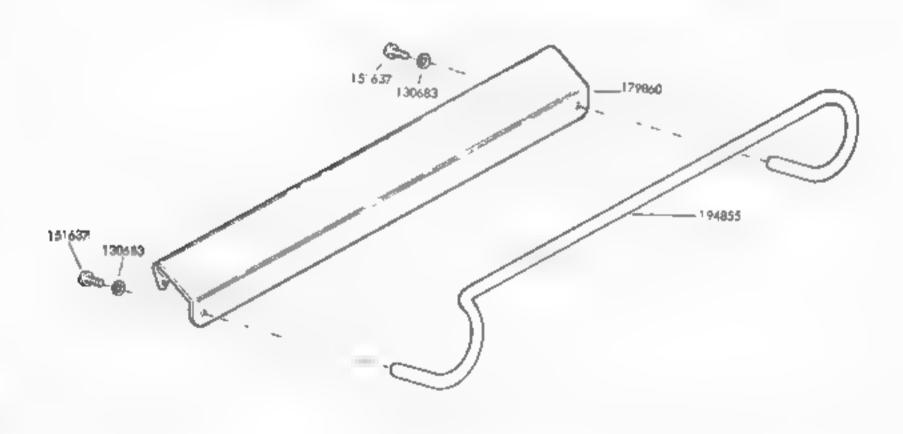


FIGURE 5-25. 194861 MODIFICATION KIT TO PROVIDE TAPE GUIDE

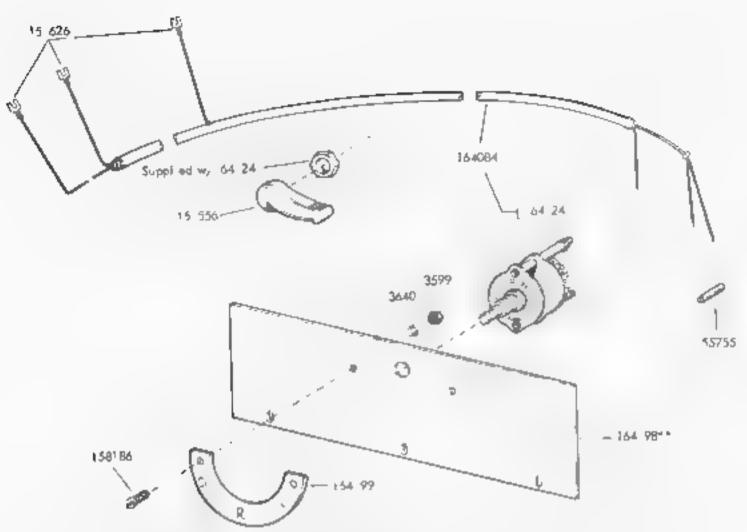


FIGURE 5-26. 164197** MODIFICATION KIT TO PROVIDE CONTROL PANEL

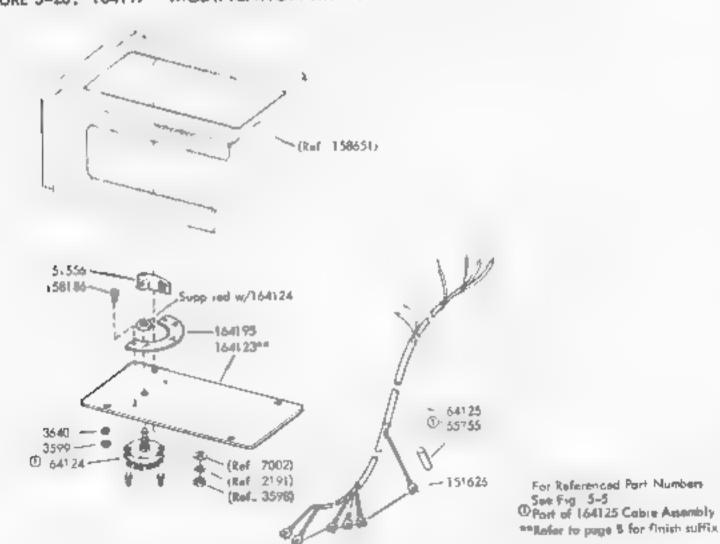


FIGURE 5-27. 164120** MODIFICATION KIT TO PROVIDE CONTROL PANEL

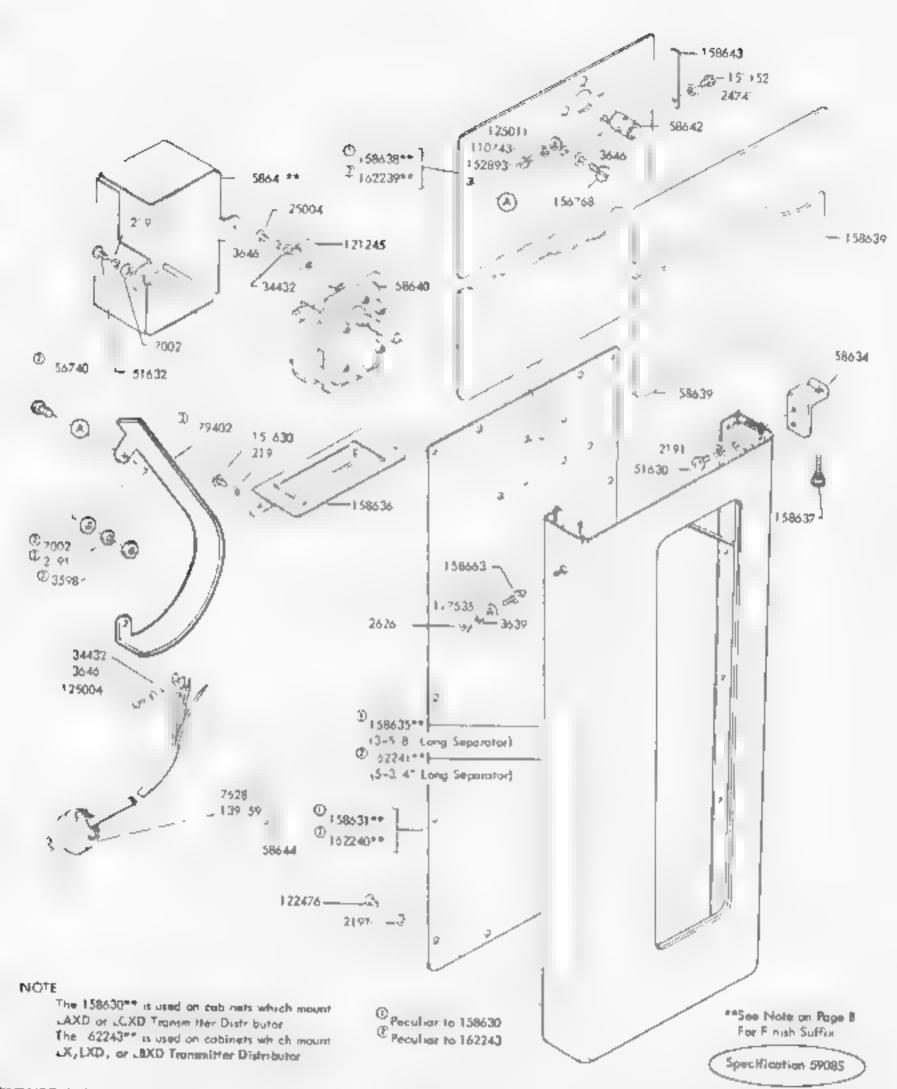


FIGURE 5-28. 158630** (FOR LAXID, LCXD) AND 162243** (FOR LX, LXD, AND LBXD) TAPE BIN ASSEMBLIES

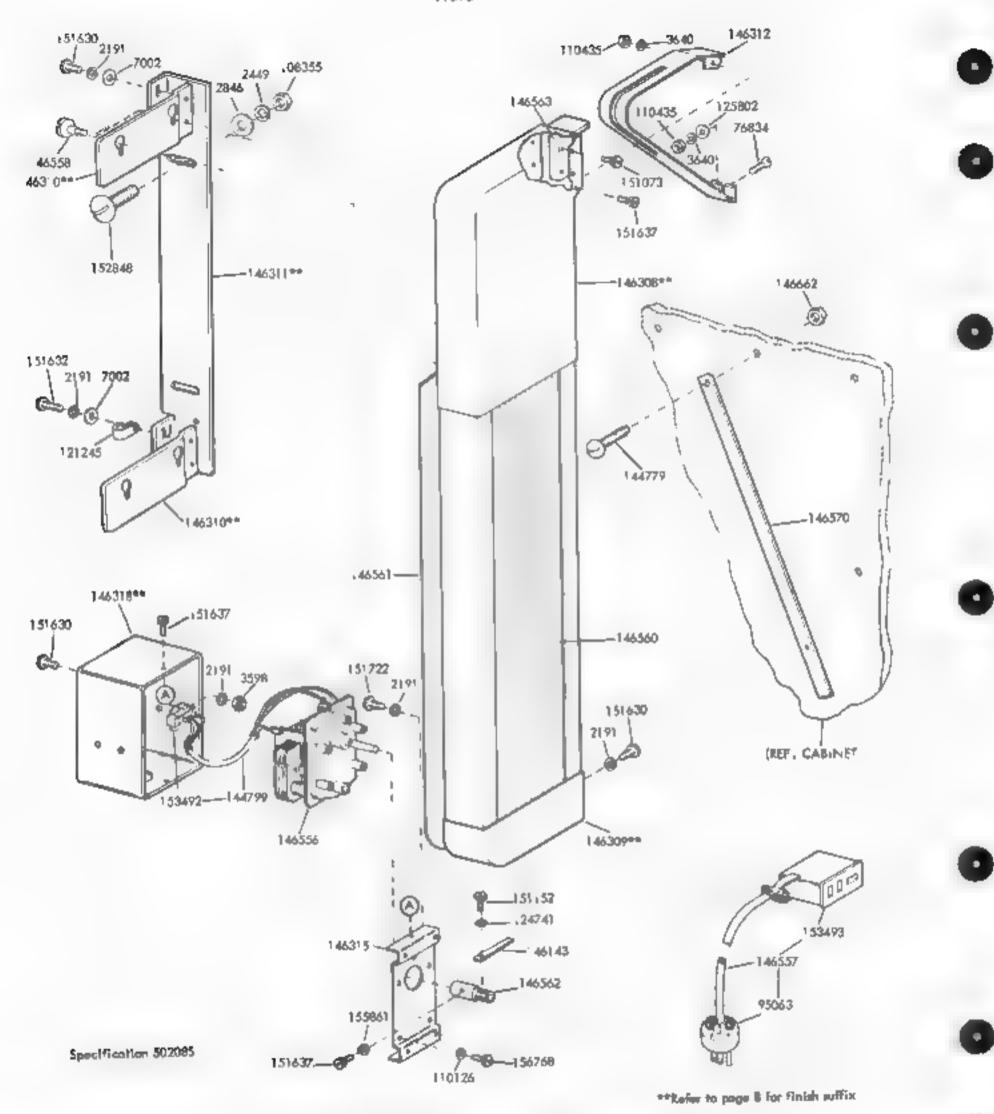


FIGURE 5-29. 145898** MODIFICATION KIT TO PROVIDE A TAPE BIN FOR STORED TAPE OF A MESSAGE IN TRANSMISSION

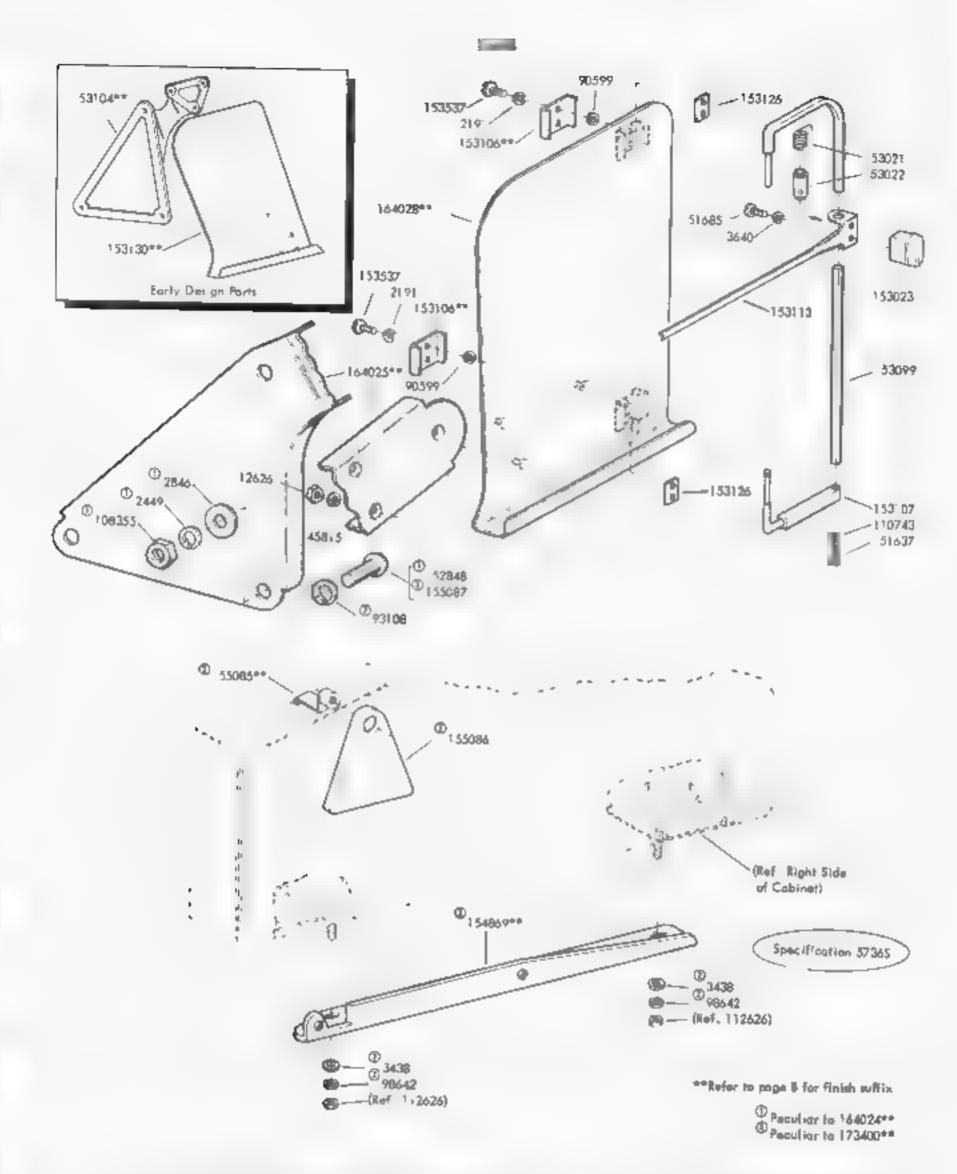


FIGURE 5-30. 164024** (FOR FLOOR MODEL) AND 173400** (FOR TABLE MODEL) MODIFICATION KITS TO PROVIDE OFFSET COPYHOLDER

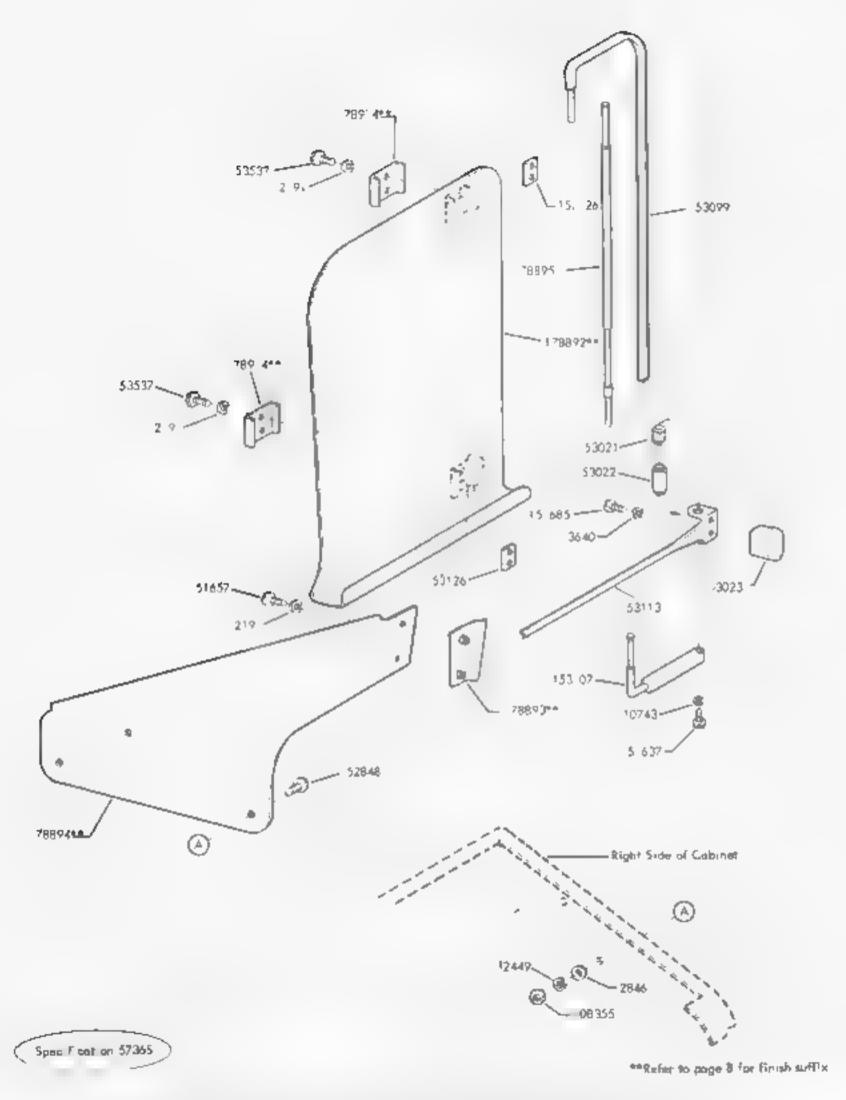


FIGURE 5-31. 178997** MODIFICATION KIT TO PROVIDE A PIVOTED OFFSET COPYHOLDER FOR FLOOR MODEL CABINET

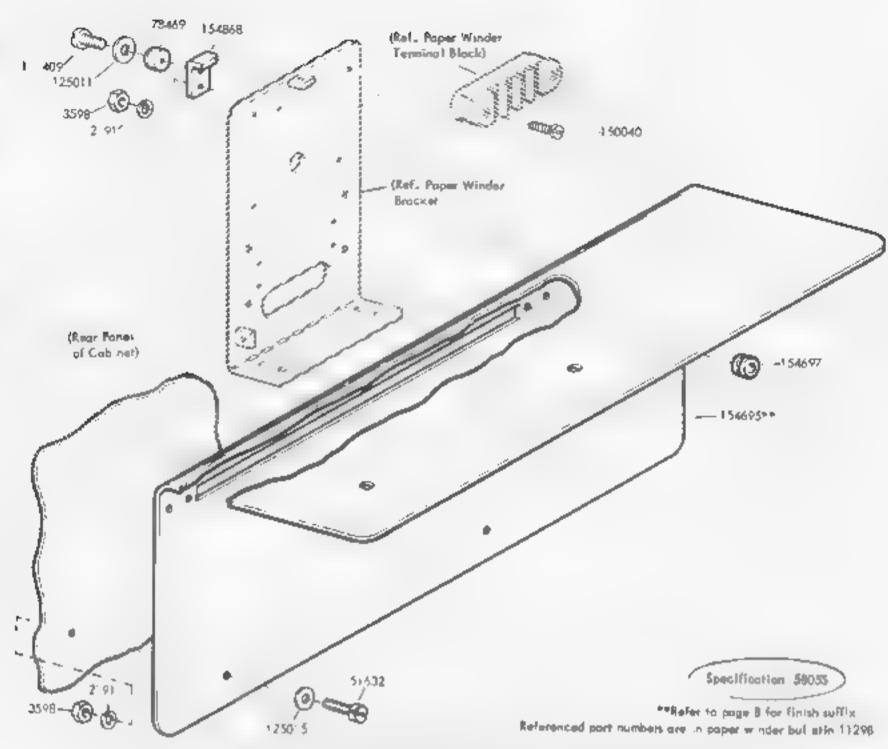


FIGURE 5-32. 153901** MODIFICATION KIT TO PROVIDE A SHELF FOR MOUNTING A PAPER WINDER TO CABINET

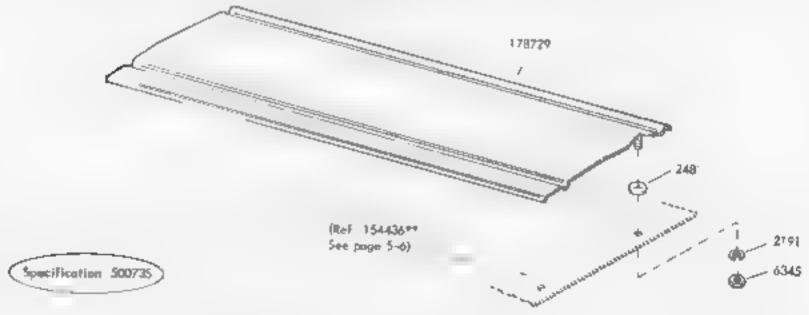


FIGURE 5-33. 174458** MODIFICATION KIT TO PROVIDE CABINET WITH A PAPER TEARING PLATE

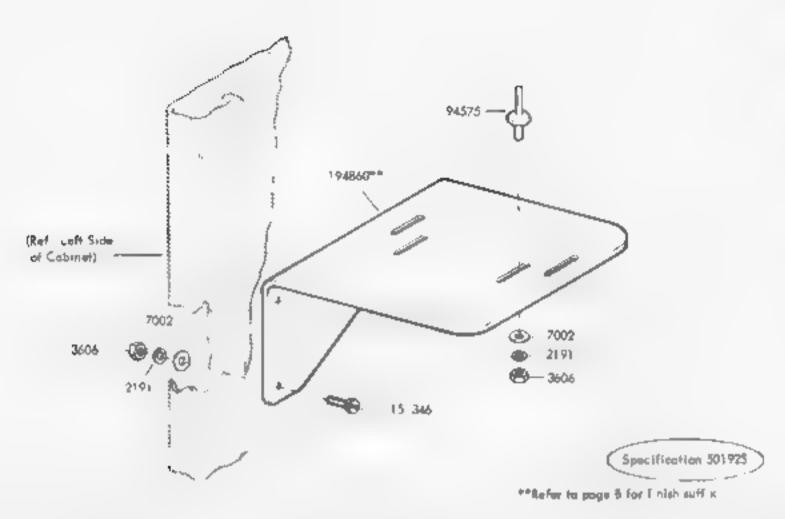


FIGURE 5-34. 194859** MODIFICATION KIT TO PROVIDE SHELF FOR TAPE WINDER OR TAPE UNWINDER

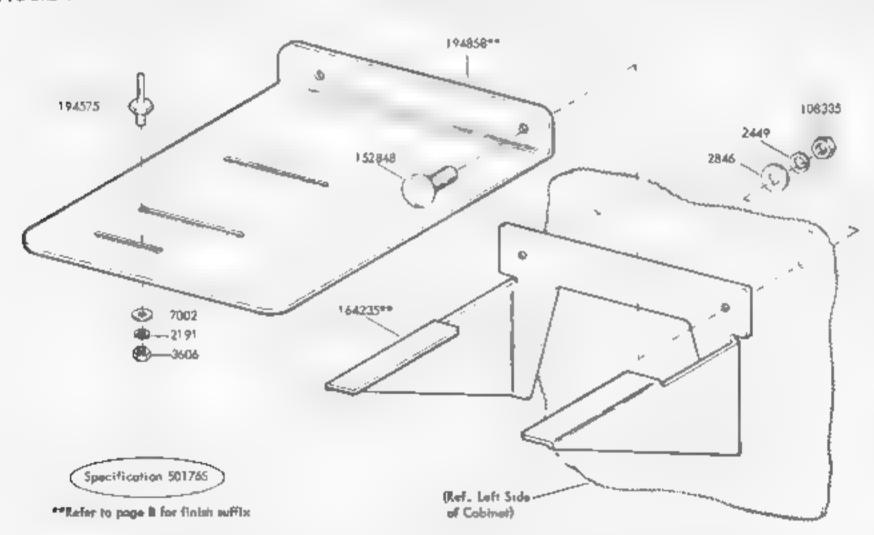


FIGURE 5-35. 194857** MODIFICATION KIT TO PROVIDE SHELF FOR SINGLE REEL TAPE WINDER

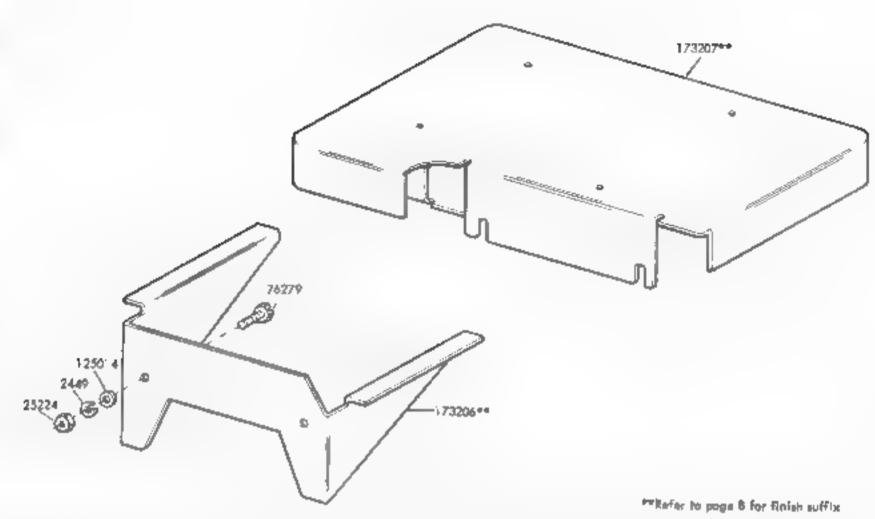
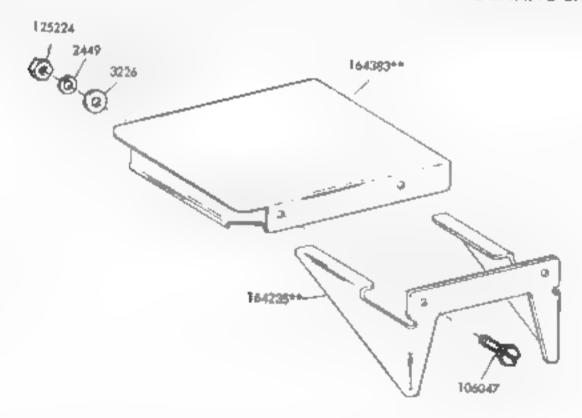


FIGURE 5-36. 173097** MODIFICATION KIT TO PROVIDE A MOUNTING SHELF FOR LEFT SIDE OF CABINET



**Refer to page 6 for finish suffix

FIGURE 5-37. 163796** MODIFICATION KIT TO PROVIDE A TELEPHONE MOUNTING SHELF FOR CABINET

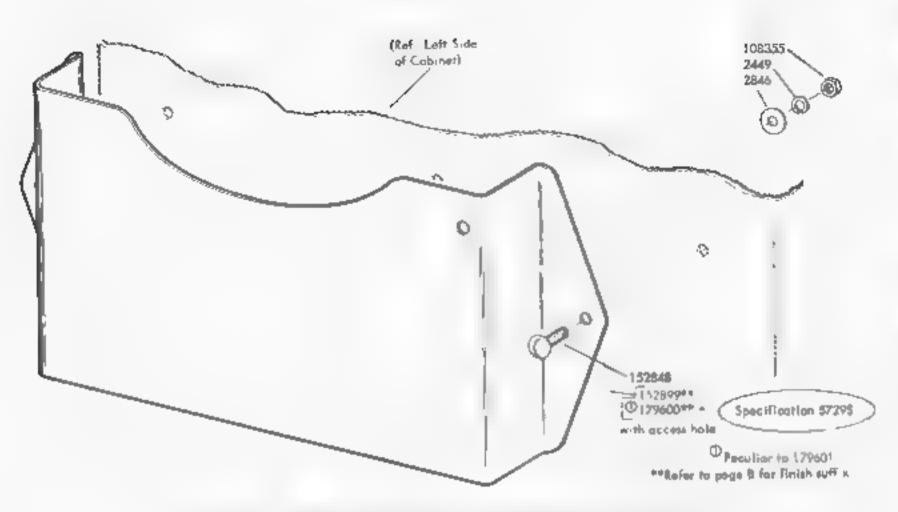


FIGURE 5-38. 152910** AND 179601** MODIFICATION KIT TO ADD DIRECTORY HOLDER OR MESSAGE FILE HOLDER

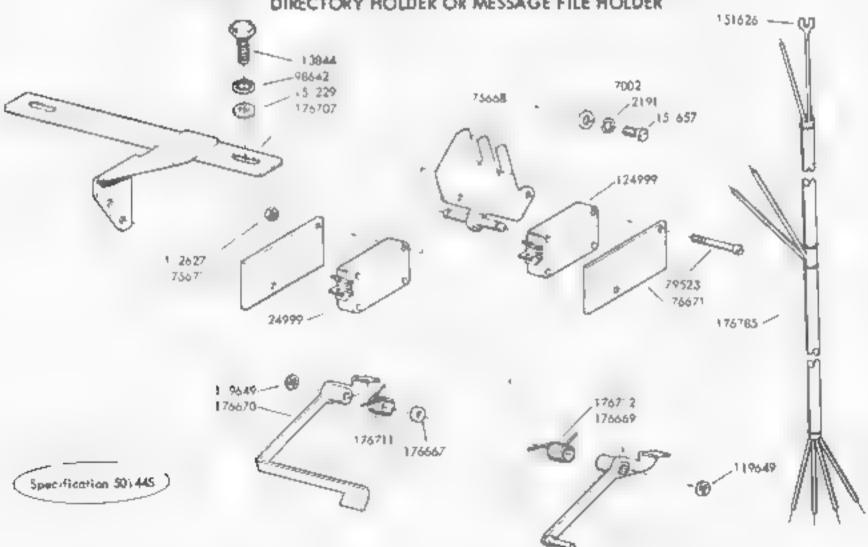
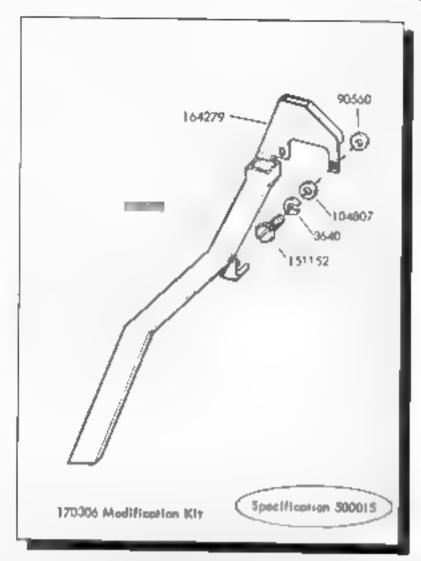


FIGURE 5-39, 176713 MODIFICATION KIT TO PROVIDE LOW PAPER AND PAPER-OUT ALARM



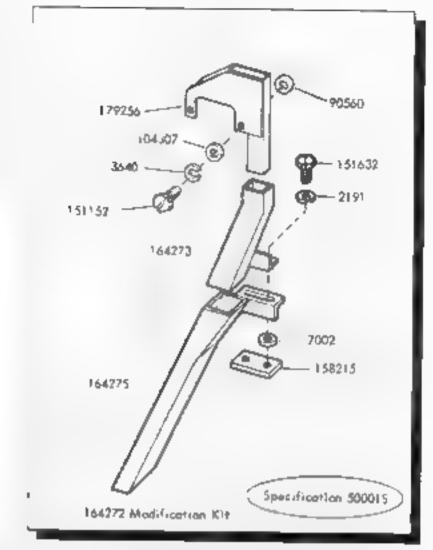


FIGURE 5-40 164272 (FOR AUXILIARY REPERFORATOR) AND 170306 (FOR KEYBOARD REPERFORATOR)
MODIFICATION KITS TO PROVIDE CHAD DISPOSAL

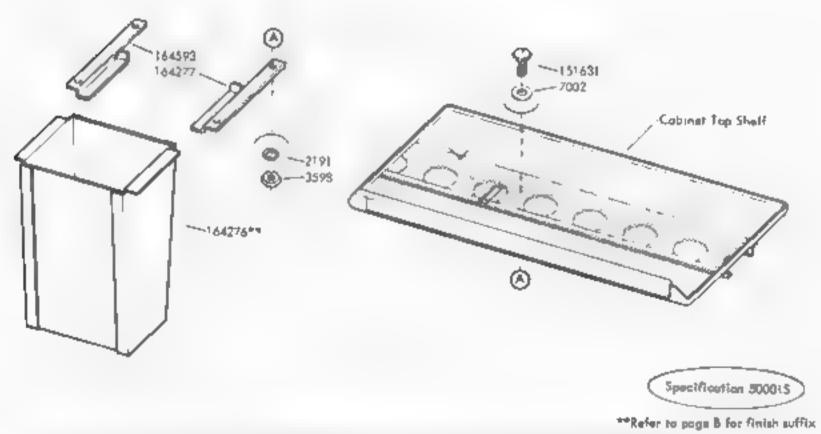
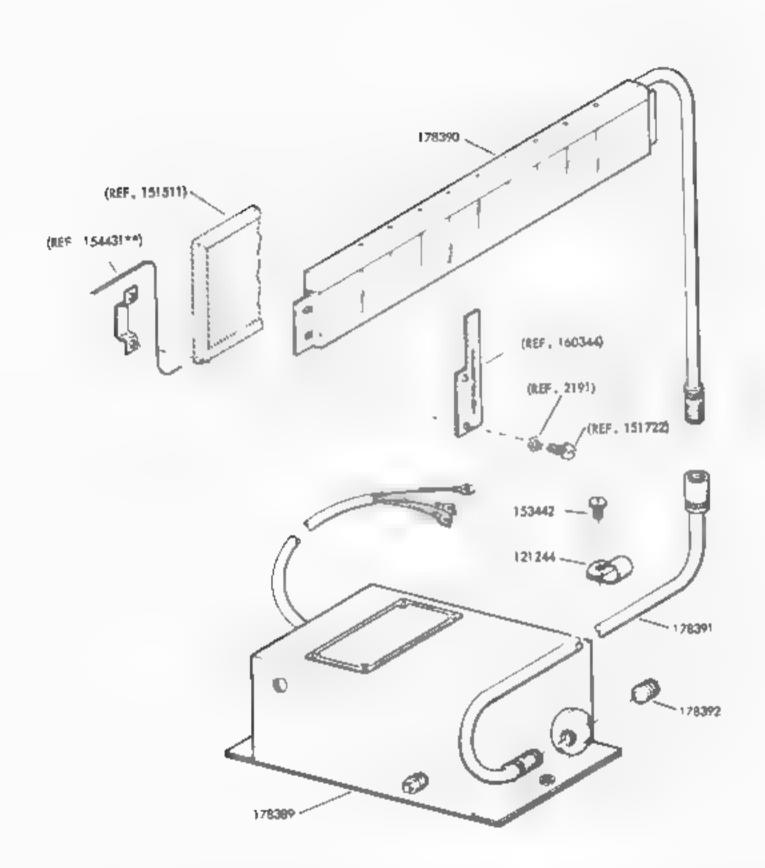


FIGURE 5-41. 164405** MODIFICATION KIT TO PROVIDE CHAD CONTAINER FOR THE AUXILIARY REPERFORATOR AND/OR KEYBOARD REPERFORATOR



NOTE: For referenced part numbers see page 5-6

FIGURE 5-42. 178387 MODIFICATION KIT TO PROVIDE HIGH VOLTAGE STATIC ELIMINATOR TO NEUTRALIZE ELECTROSTATIC CHARGE ON PAGE COPY

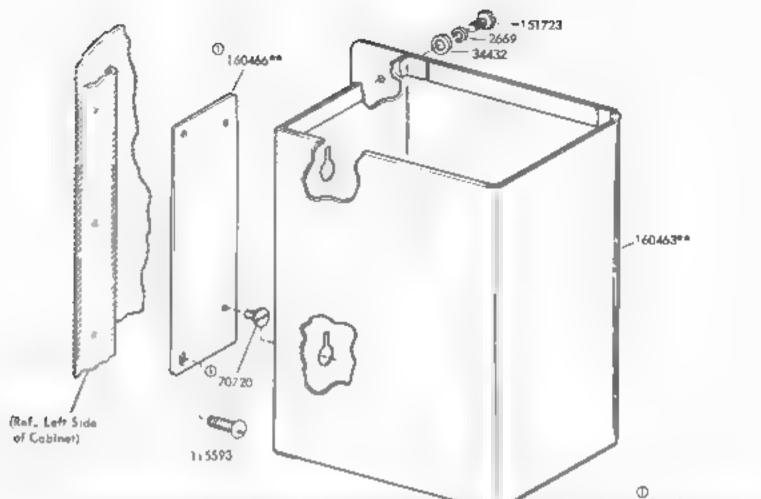


FIGURE 5-43. 160468** (PIVOTED HEAD TRANSMITTER) AND 160470** (FIXED HEAD TRANSMITTER)

MODIFICATION KITS TO PROVIDE TAPE BASKET

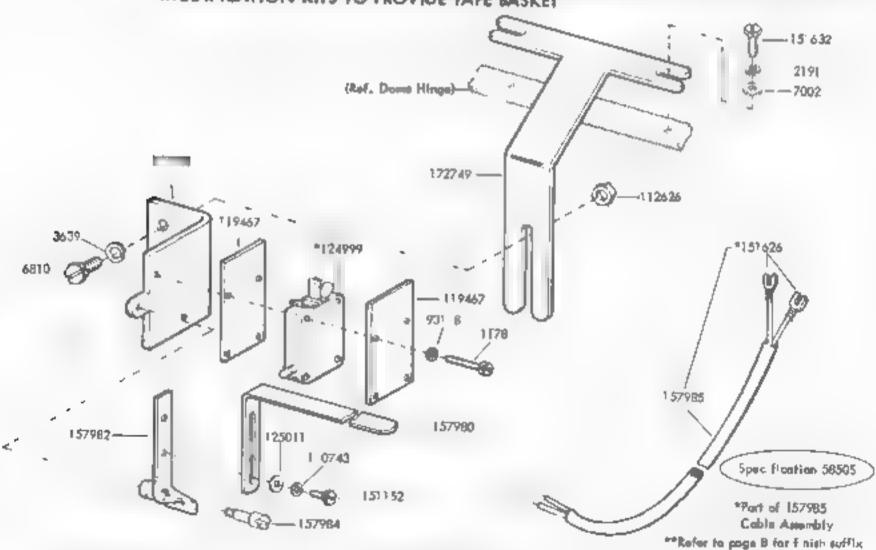


FIGURE 5-44. 154756 MODIFICATION KIT TO PROVIDE FORM-OUT ALARM

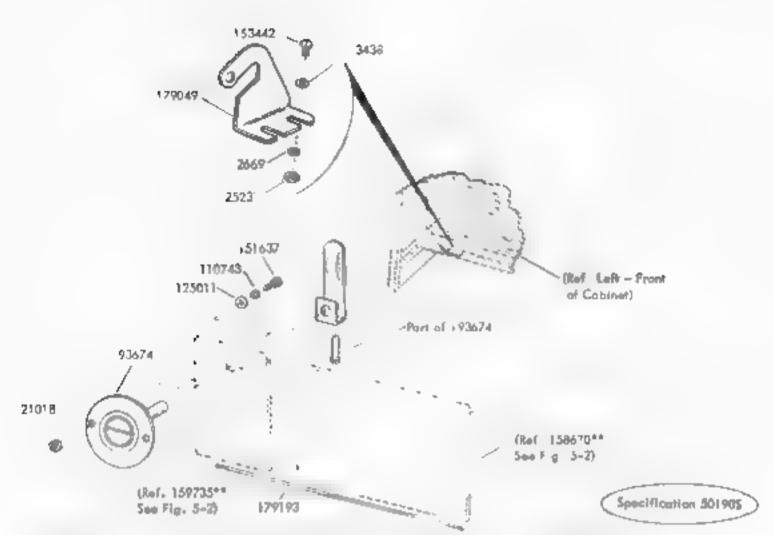


FIGURE 5-45. 193675 MODIFICATION KIT TO PROVIDE CABINET WITH TWO HINGED PANELS IN LOWER CAVITY

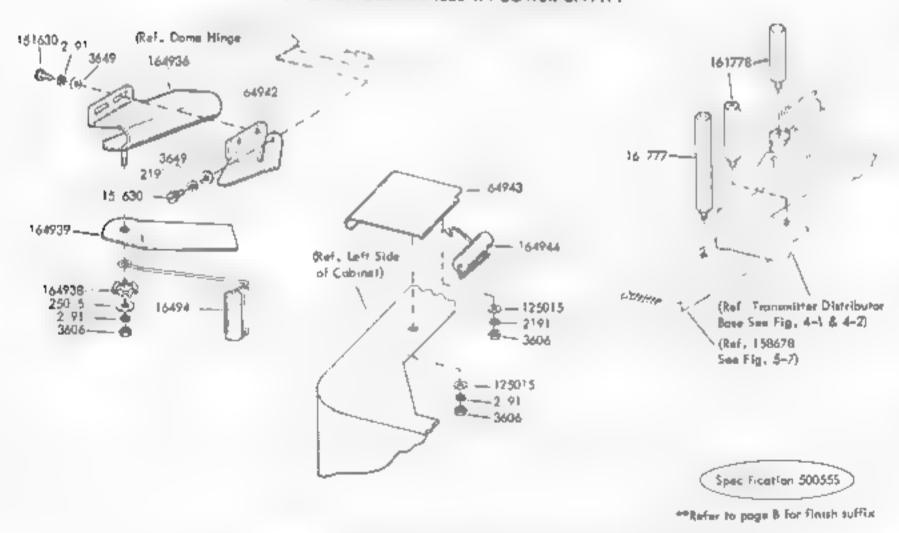


FIGURE 5-46. 161814 MODIFICATION KIT TO MOUNT AN AUXILIARY TYPING REPERFORATOR BASE AND PROVIDE TAPE GUIDE



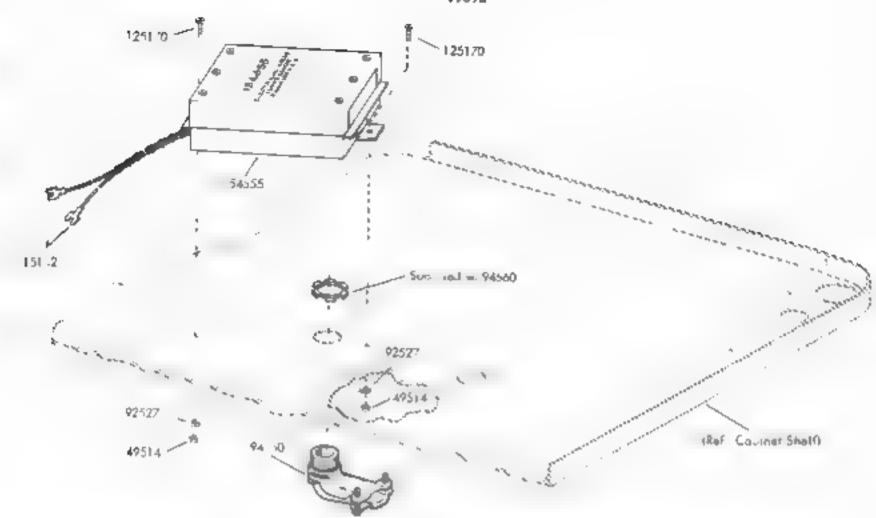


FIGURE 5-47. 154651 MODIFICATION KIT TO ADD SIGNAL LINE ELECTRICAL NOISE SUPPRESSOR (D.C.)

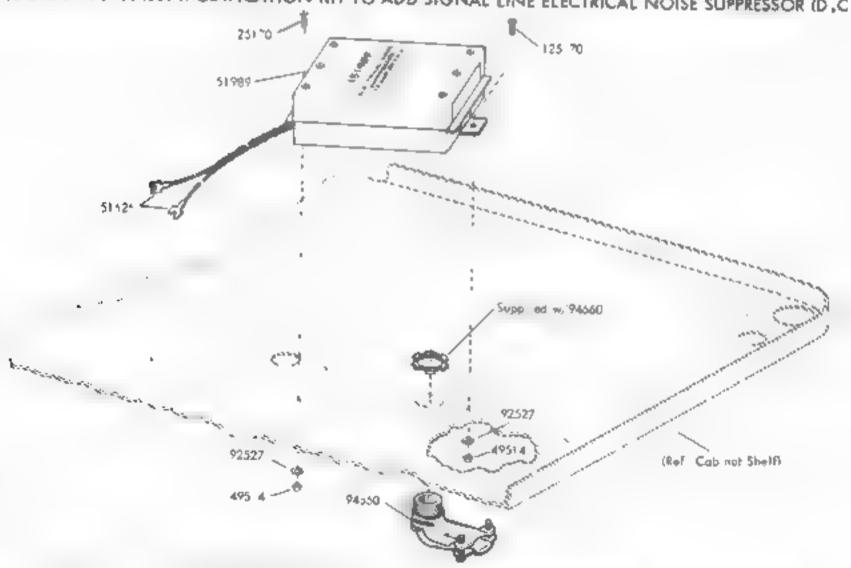
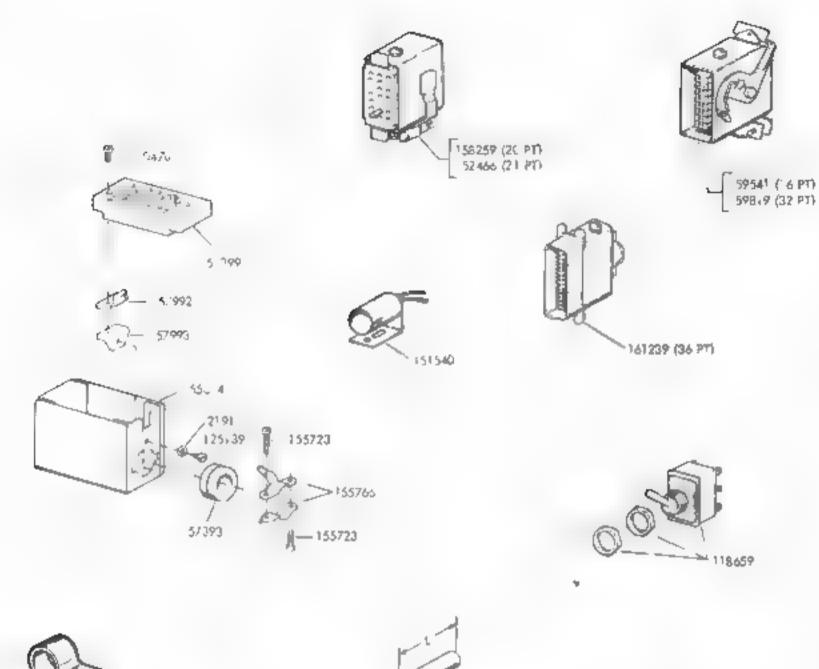


FIGURE 5-48 | 151988 MODIFICATION KIT TO ADD POWER LINE ELECTRICAL NOISE SUPPRESSOR

ľ								CAB	LE ASS	EM8.II	S								
	S4440 Cabinet Lights Switch	159329 Tape Winder	15933C Resistor Pack	160339 Auxiliary Dome	160352 Control Board	16412 Cabinet nalcator	64281 Keyboard	73453 keyboord	154282 Page Printer	173455 Page Printer	64283 Transmisser Distributor Bale	173456 Transmitter Distributes	04234 Aux Ivary Typing 04234 Reperforator Bost	73457 Repertorellor Bore	164407 Code Reading	164403 Power Switch	123781 More & Morgin Indicator	153487 Margin Indication	Wiring
	2	159	159	190	32	100	2	1 2	- 9	12	-	17	2	1	2	2	2	50	Diagram
LAAC 200**	Х	×	Х				_												3264WD
LAAC20	X	Х	×						Ι.								<u> </u>		3264WD
_AAC 207**	х	Ж	Х														<u> </u>		3264WD
LAAC 205**	X	Ж	X							İ	İ		<u>i </u>				1		3264WD
LAAC 206**	Х			X	X											<u>i </u>			3455WD
LAAC207**	Х	х	х					i								<u></u>			3491WD
LAAC209**	X	' x 1	К														L		3264WD
LAAC2 0**	×	Х	х																3264MD
LAAC213**	X	Х	X										I				<u> </u>		3264WD
LAAC214**	X.	х	×	1				1											3264WD
LAAC219**	Х	Х	Ж			1						1							3264WD
LAAC222**	×	X	Х		_	X]	ľ	3771WD
_AAC 223**	×	X	Ж	_		X			1			1							3771 WD
LAAC225**	X	Х	×	t				<u> </u>						1			1		3264WD
AAC226**	X			T	-		Tx.	Ť	X	1	T x	Ť	X	1		T x	Ī	}	3801WD
LAAC229**	×					1		1 x		X		X	1	X			T x		4267WD
_AAC 230**		Wfred		1															_
LAAC231**																			4322WD
LAAC233**	X	×					1												4337WD
LAAC 234**	_	X	×	1	1						1								3264WD
LAAC 235**	_	X	X										1					}	3264WD
LAAC 236**		×	X										1						3264WD
LAAC 237**		X	×						-										3264WD
LAAC241**	_	1	1			+	1		+								_		4750WD

-

FIGURE 5-49. CABINET CABLE ASSEMBLIES





$\overline{}$	
CABLE	CHAMPS
Number	D
12 242	1 3
2 . 43	3 4"
2 244	4
12 245	5, 2"
+2 24u	1 9"
2 247	7 6"
2 240	72"
2 249	5, 3
2 250	3 47
12.25	



11/13/00	INSULATING SLEEVES									
Number	1,0.	Lengt								
3 57 50	3 32"	2*								
55751	1 '9"	1"								
55-52	5 s/l**	1 2-								
155 '53	3"	1/2"								
155754	1,77	1.7"								
55 55	11 4"	5 '3"								



FIGURE 5-50. CABLE COMPONENTS

MODIFICATION KITS

K'r Nomber	Port Number	Description	Quantity	Figure Number	Specification Number	
145898**		Madification Kit to Provide Tape Bin for		5-29		
		Stored Tape of a Manage in Transmission				
151980		Modification Kit to Add Power Line Electrical Noise Separateur		5-48		
		Etachidat Libiae aappronur				
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1 59384		Model Cartion K'1 to Provide Terminal Bloc	fa	5-14		
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159394		Modification Kit to Add Auxiliary Termin Block - valt 5 de	al	5-16		
1.59396		Medification Kit to Add Auxillary Teresion Brack - Top Row Left Rear	a)	5-13		
	-	CICAR - rage room are relate				
160887**		Modification Kit to Provide a Housing to on UC or UKD Type Transmitter Distribute			58855	
		n a General Purpose Cabinet.				
	2' 91	Washer, Lock	10	5-17		
	3598	Nut (6-40 Hex)	6	5-17		
	7002	Wesher, Flat	10	5-17		
	82730	Screw, Shoulder (10-32)	1	5-17		
	151631	Scraw (8-40 x 5, 16 Hex)	2	4 17		
	15)693	Screw (6-40 x 9, 16 Fil)	2	5-17		
	54485**			5.37		
	154496	Spring	2	5-17		
	54487**		1	5.17		
	54490**	Bar, Cross	1	5-17 5- 7		
	54492 60291	Plate, Not Plate, Tape Exit	i	5-17		
h = d = c t = :						
150088***		Modification Kit to Provide a Housing for an LBXD Type Transmitter Distributor in a			58855	
	-,	General Purpose Columet				
	21.91	Washer, Lock	10	5-17		
	3598	Nut (6-40 Hex)	å	5-17		
	7002	Wosher, Flot	10	5-17		
	82730	Scraw, Shoulder (10-32)	1	5-17		

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Kir Number	Perri Mountain	December 1		F gure	Specification
- ACHINDER	Number	Description	Quantity	Number	Number
160B88**		Modification Kit to Provide a Housing for			
		on LBXO Type Troughtter Distributor in a			
		General Purpose Cobinet (Continued)			
	15 -631	Screw (6-40 x 5/16 Hex)	2	5-17	
	15 693	Screw (6-40 x 9/16 Fil)	2	5-17	
	5 827	Strop, Teminal	· ·	5 17	
	54486	Spring	1	5.17	
	54492	Plate, Nut	1	5-17	
	159394	Modification Kit (Austillary Terminal Black	s) I	5-16	
	160286**		1	5-17	
	160290**		1	5-17	
	160291	Plate, Tope Exit	3	5-17	
	160293**		1	5-1 7	
	60372	Cools Assembly	1		
	60976	Spring	7	5-17	
140389**		Modification Kit to Provide a Housing for			58858
		on CCXD Type Transmitter Distributor in a			
	1253	Special Purpose Coblem	_		
	2 91	Screw (B-32 x 3/8 Rd)	2	5-17	
	3598	Washer, Lock	15	5-17	
	6344	Not 16-40 Nex)	3	SHIT	
	7002	Scree (6-32 x 11/32 Hex)	2	5-3	
	82730	Worker, Flot	13	5-17	
	110 7	Screw, Shoulder (10-32) Screw (6+40 ± 5/16 (11)	ì	3-17	
	35594	Nut, Speed	4	5-17	
	51637		2	5- 7	
	151657	Serew (6-40 x 5/16 Hex)	2	5-17	
		Scraw (6-40 x 1/4 Her)	2	5-2	
	51593	Screw (6-40 x 9/16 F1f)	5	3-17	
	1 54492	Piote, Nor	1	5-17	
	159645**		1	5-17	
	. 5/36/46**	Brocket	1	5- 7	
	58548	Chule, Tape	1	5- 7	
	\$8683**		\$	5-2	
		Cover, Aunitiary	1	5-17	
		Housing, Auxillory	1	5- 7	
		Picha wi Studs	l .	5- 7	
	158697	Phylip, Designation	1	5-3	
160890**					
100000		Medification Kit to Provide a Housing for			59975
		on LAXD Type Transmitter Distributor in a			
	3.060	Special Purpose Cobines			
	1 253	5crew (8-32 x 3./8 Rd)	2	5 7	
	2 9)	Washer, Lock	6	5-17	
	6344	Somey (6-32 x 11/32 Mex)	2	5-3	
	7002	Modher, Flor	4	5-17	
	92730	Screwy Shoulder (10-32)	l l	2-17	
	1 5594	Nut, Spined	2	5-17	
	151467	Screw (6-40 x 5/16 Head)	2	5-17	
	151657	Sures/ (4-40 x 1/4 Fil)	2	5-2	
	54492	Piote, Nut	1	5- 7	
		Bracket	1	5 17	
		Chute, Tope	Į.	5- 2	
		Bor, Cross	1	5-17	
	1,86.97	Plate, Designation	1	5-3	

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Kir Number	Port Number	Description	Gruentity	Figure Number	Specification Number	
518 4		Med ficehon Kit to Mount on Auxiliary		5-46	300 55S	
		Typing Repertorator have and Provide Tape				
		Guide				
162234**		Maclification. Kit to Add Tape Storage and				
		Purpose Cabinet (LAAC209** or LAAC236*	nt)			
	253	Scraw (8-32 x 3/6 2d)	, ,	5-8		
	2. 61	Washer, Lock	14	5-3		
	2669	Washer, Loce	4	5.3		
	3598	Nut 6-40 Hex)	6	5-3		
	3639	Wosher, Locs	10			
	7002	Washer, Flat	14	9-3		
	8533	Screw (10-32 x 3/6 Rd)	4			
	6479	Wosher, Flot	4			
	103387	Catch	1	5-3		
	0.7	Screw (6-40 x 5/16 Rd)	6	5-3		
	2625	Not /10-32 Hex)	12	5-3		
	3593 15594	Serow 1 12 k ; 4 Self-Tapping) Nut Speed	j j	5-3 5-5		
	6733	Olda Çrêsi Mrs. Stodad	í	5-8		
	7535	Vgsher, Flat	11	5-3		
	20 57	Casher, Flat	ä	5-3		
	21005	Scrow (6-40 x 1/4 Self-Topolog)	2			
	21243	Clarep, Coble	4	5-1		
	2,3959	Holder, Coole	1	5-3		
	250 4	Washer, Flat	4			
	39158	Connector, Receptorle (Duples)	1	5-8		
	5 2/2	weither, Stor	1			
	151457	Scrow (6-40 x 1/4 FII)	7	5-3		
	5 2 5	Mount Rubber	4	5-3		
	1 586 37	Serew, Thumb (10-32)	1			
	158652	Nut, Speed	2			
	58660***	Door Assembly, Tope Winder	1	5-3		
	58553	Stud	1	3-3		
	58564	Bracket	1	5-0		
	J8060°	Partition	1	5-3		
	J8666***	fox, Outset	ļ.	2-8		
	38667	Tray, Tope Winder	£	5-3		
	58669	Stud	1	5-3		
	158671	Connector, Receptable (3 Pri	1	5-8 5-8		
	159329 147243##	Rin Assembly, Tope		2~4		
	Law cod-	ин маниоту, торе	,			
162235**		Medification Kit to Provide a Housing for			5585 S	
		on LEXD Type Transmitter Distributor in o Gentral Purpose Cobinet (LAAC209** or				
		LAAC 236**) Equipped with Tope Winding I	enifilizo			
	27.91	Wesher, Lock	13	5-17		
	3598	Nuc (6-40 Has)	9	5-17		
	7002	Wesher, Flot	12	5-17		
	22730	Screw, Shoulder (10-32)	1	5-17		
	982.37	Pin	1	5-17		
	5 631	Screw (6-40 x 5/16 Hex)	2	F 444		
	151693	Screw (6: 40 x 9/16 Fil)	2	5-17		

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Kit Numb er	Port	Description	Quantity	Figure Number	Specification Number
162235**		Modification Kit to Provide a Housing for			
		an LEXD Type Transmitter Distributor in a			
		General Purpose Cooling! (LAAC209** or			
		LAAC 236**) Equipped with Tope Winding			
		For Hitras (Continued)			
	827	5 m.s, "eminal	4	5-12	
	54457	Guice, "ope	3	2 0	
	54486	Spring, Detent	1	5-17	
	54492	Piate, Nur	1	5=1.7	
	39394	Modification Kit (Auxillary Ferming: Block)	ì	5-16	
	60286**	lor, Cross	1	5-17	
	60290**	3		5-17	
	60372	Capie Assembly		34.	
	60976	Spring	t	5-17	
	162237	Chute, Tope	1	3-17	
	79493	Guide, Tape	1		
		Section of Freque	,		
62244**		Madification Kit to Convert General Purpose			50000
		Cob nes (LAAC 209** or LAAC 234** 1 to "ou			59075
		Wind ap and Tope Storage Fac Littles			
	40074**	Modification Kill			
		Modification Kil			
	19464.	Andrew Company of 15			
162679		Macification Kill to Alea Shight and Brought fo			45105
		Pawer Switch Control	_		80°00\$
	J4507	Washer, Flor	2	5-2	
	0743	Verseer Lock	2 2		
	53799	Screw st-40 x 21/64 Hext	ź	5-2	
	63 70	Shaft Cantrol	1	-2	
	63 73	Seguler, Area	1	S=2 5=2	
			,	2-2	
142530		Modification Kit to And Shart and Bracket			501035
		for ulne Test Key Control			00.493
	04907	Wather, Flor	2	5-2	
	10743	Veasher, cock	2	5-2	
	1 33799	Screw 4-40 x 21/64 Hea)	2	5-2	
	163 69	Shaff Control	1	5-2	
	63172	finclust, Arm	í	5-2	
63,65		Madification FIF to Add Toggle Switch			
		Control to Cabinet			
	00833	Screw, Driva 30 x 3/16)	2	5-2	
	.04807	Washer Fred	2	5-2	
	1 0743	Washer, Louis	2	5. 2	
	5 52	Screw 14-40 x 3/16 Hex)	2	5. 2	
	T 54449	Shaff w April		5-2	
			_		
	54459	Fork, Tegale Switch	1	5.2	
	54459 58694 48696	Plate Designation Knob w. Set Scraw	ì	5-2 5-2	

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64 20**		Modification ICIt to Ado Control Panel Assenti	У	5-27	
164-96		Modification Kit to Provide 48 Vota DC Gree Inducator Lamp	r.		
	21 3	Viction, Lock	2	5-9	
	2598	No South Here)	î	5-9	
			2	5. 0	
	7002	Screw (6-40 x 1/4 Hex)	2	5. 9	
	151630		1	5.9	
	7.53400	Large (60V maximum)		5.49	
	164 21 164, 22	Cable Assembly, Lamp Lens, Green	i	5-5	
164197**		Modification Kit to Add Control Panel Assemb	lγ	5-26	
164272		Modification Kit to Provide Chad Disposal for the Auxiliary Reperiorator		5-40	500015
144405**		Madif agitan Kit to Provide Chad Container to the Auxil lasty and, or Keyboard Reperforator	or	(ACCOUNT)	500015
170272**		Modification Kil to Provide Qual EX on EXD Type Transmitter Distributor Housing		5-18	_
170306		Modification Kit to Provide Chad Disposal for the Keyboard Reperiorator		5-40	500015
73238		Modification Kit to Add Ready Light to Cabin			
02.00	21 91	Washer, Lock	3		
	To the same of	Not (6-40 Nex)	1		
	7002	Washer, Flat	3		
	75750	Vasher, Fiber	2		
	102092	Screw (6-40 x 1-27/32 Rd)	ì		
	15' 630	Screw (6-10 x 1/4 Hex)	i		
	53400	Lamp, Incompresent (6 Watt 60 Volt)	T.		
	13487	Cable Assembly, Lampholder	ì		
	173256	Cable w/Nasistor	i		
173400**		Modification Kit to Provide Offset Copyholds for Table Model Cabinet	r	5-30	57365
1 <i>74</i> 458**		Mod'Restion Kit to Provide Coolinet with a Paper Tearing Plate		5-33	500735

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.7 6 713		Madification Kit to Provide Low Paper and Paper-Out Alors		5-39	501.44s
178387		Modification Kit to Provide High Voltage static Eliminatur to Neubalize Electrostatic Charge on Page Capy		5-42	500, 15
78897**		Mackilication Kit to Provide an Offset Copyholder for Floor Model Cabinet		5-31	57365
79417**		Modification Kit to Adopt a Cabinet for use with a \$BXO Type Transmitter Distributor			58855
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		Nut (6-40 Has)	- 6	3-17	
	7002	Wather, Flat	10	⇒-17	
	82730	Screw, Shoulder (10-32)	1	5-17	
	151631	Servey (6=40 x 5/16 Hex)	3	5- 7	
	15 693	Screw (6-40 x 9/16 FIT)	2	_	
	34486	Spring - Left		5-17	
	54492	Plote, Nut	1	5-17	
	160286**		1	5-17	
			l l	S→ 7	
	150290**		+	5- 7	
	1 60 291	Plate	i	5=47	
	60293**	diameter (i	5-17	
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SECTION 6

ELECTRICAL SERVICE UNIT (LESU)

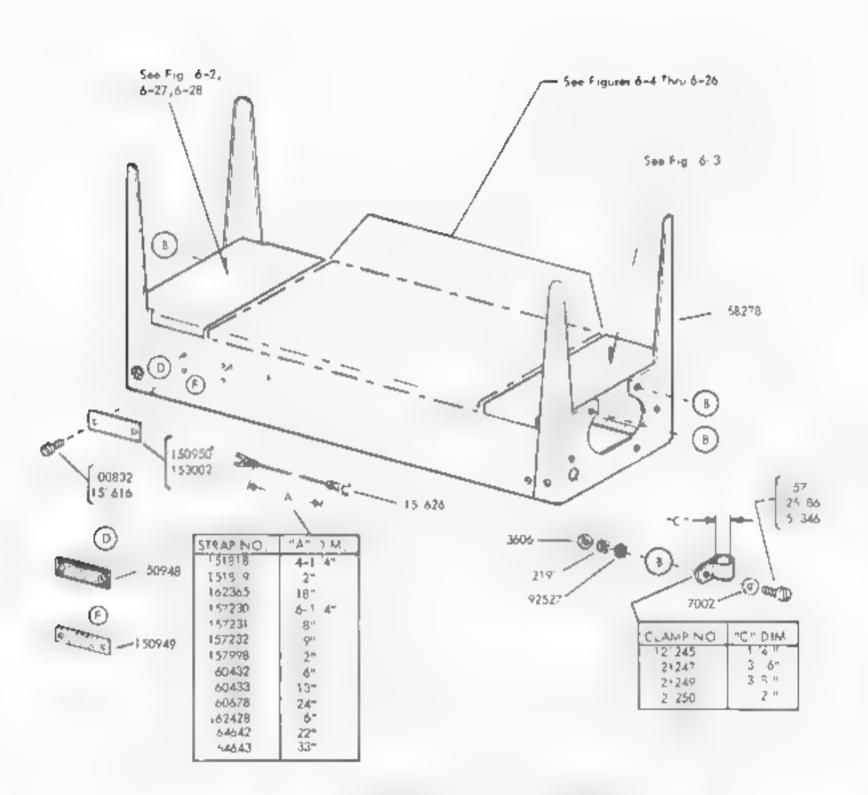


FIGURE 6-1. ELECTRICAL SERVICE UNIT (LESU)

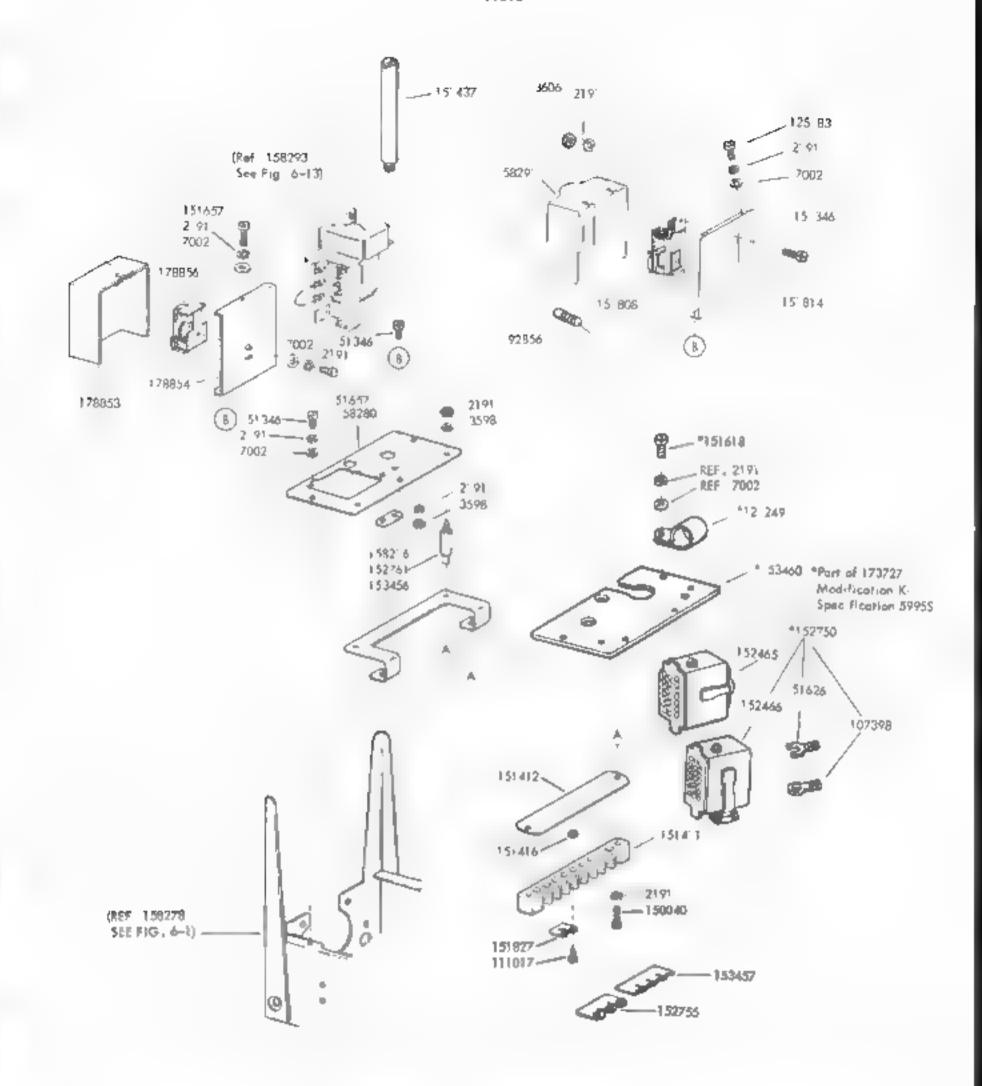


FIGURE 6-2. LINE SHUNT RELAYS

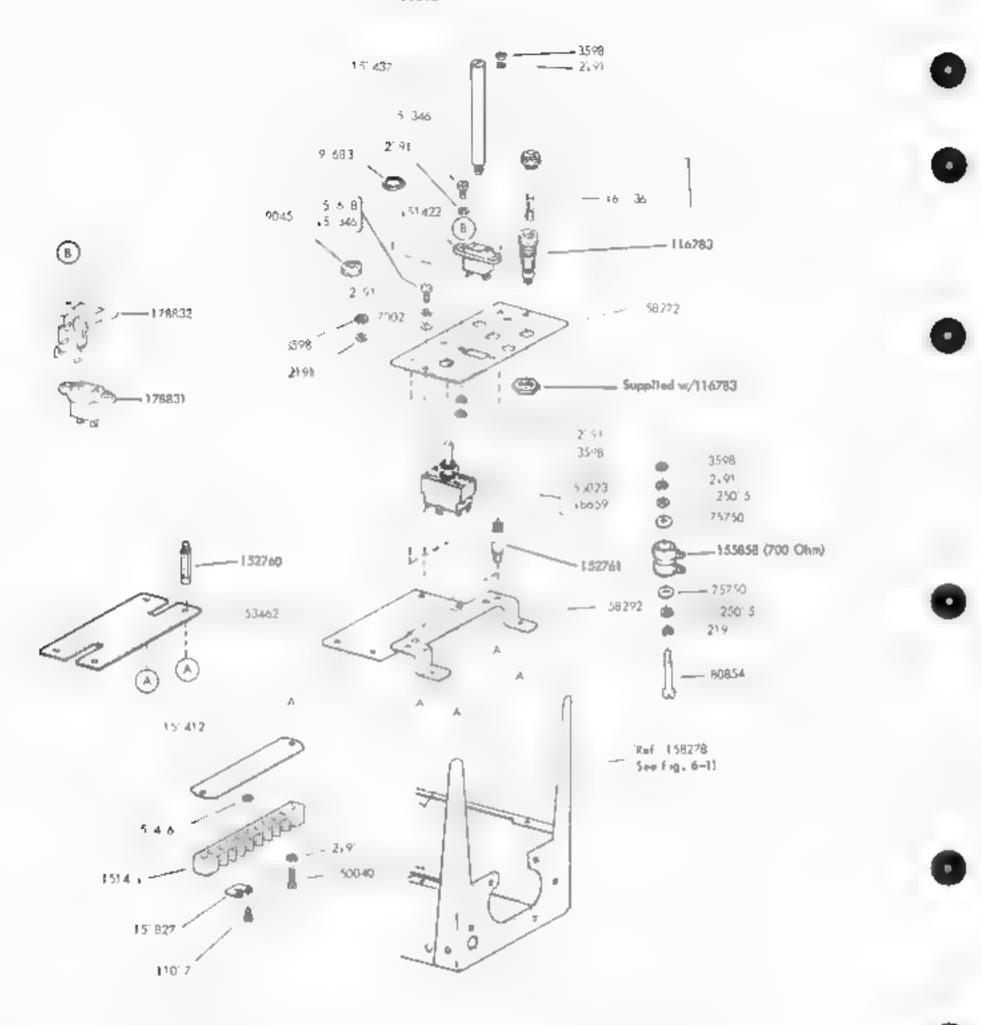


FIGURE 6-3. FUSE MOUNTING PLATE AND TERMINAL BLOCK BRACKETS

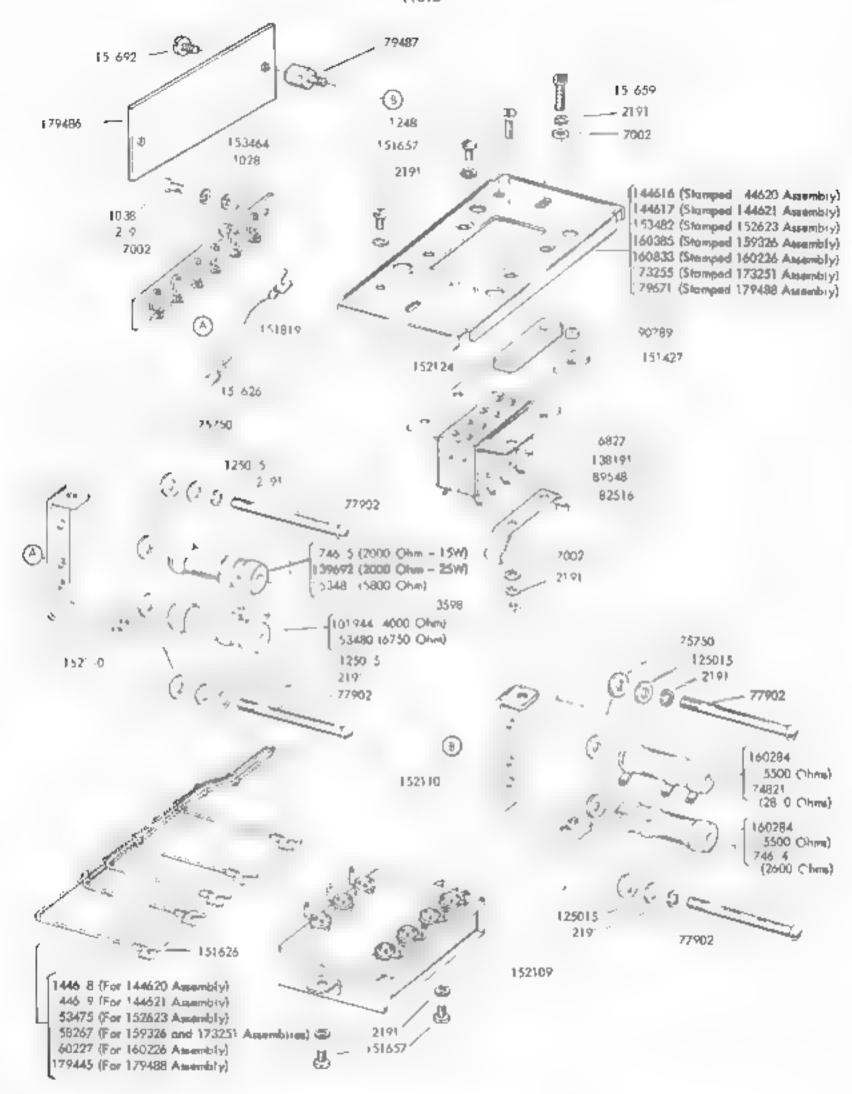


FIGURE 6-4. LINE RELAY MOUNTING

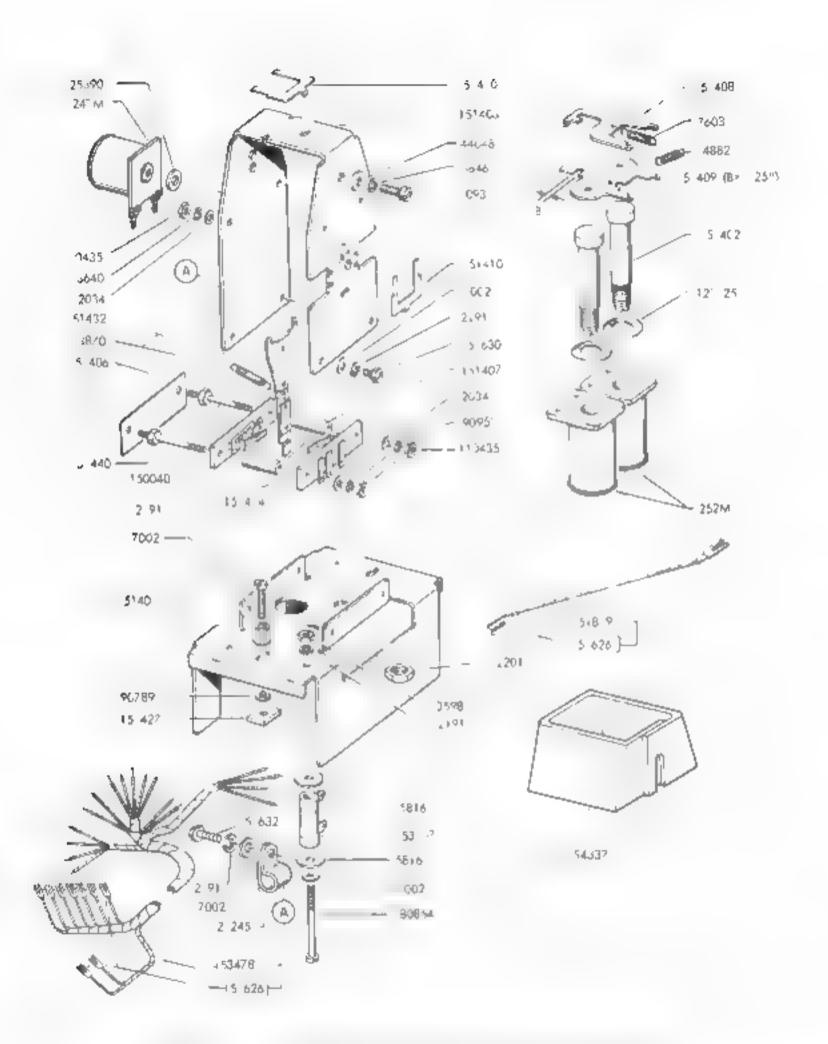
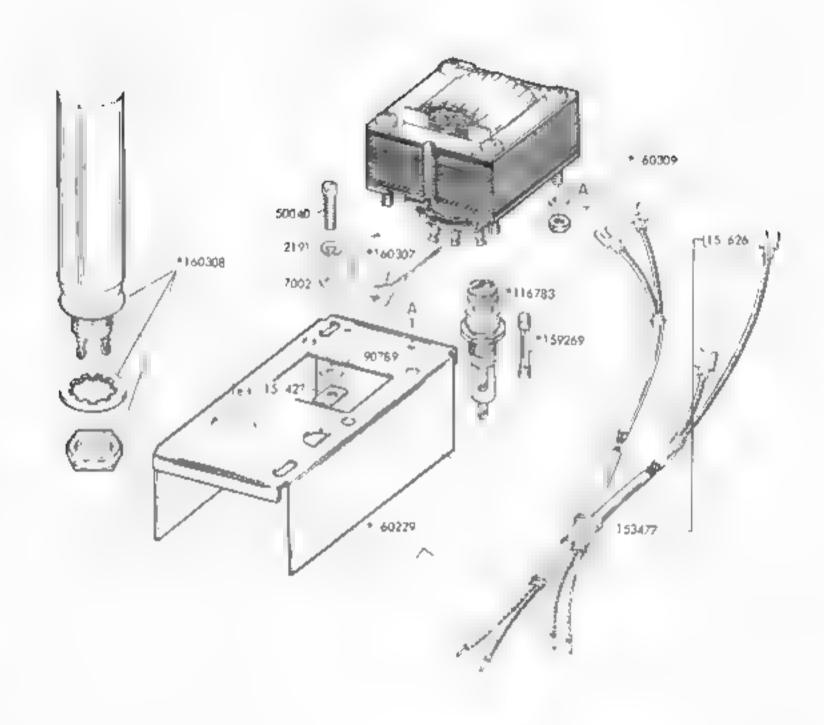


FIGURE 6-5. 153251 ELECTRICAL MOTOR CONTROL ASSEMBLY



See Figure 6-7 for Late Design

FIGURE 6-6. EARLY DESIGN RECTIFIER AND CABLE ASSEMBLY (300 MA)

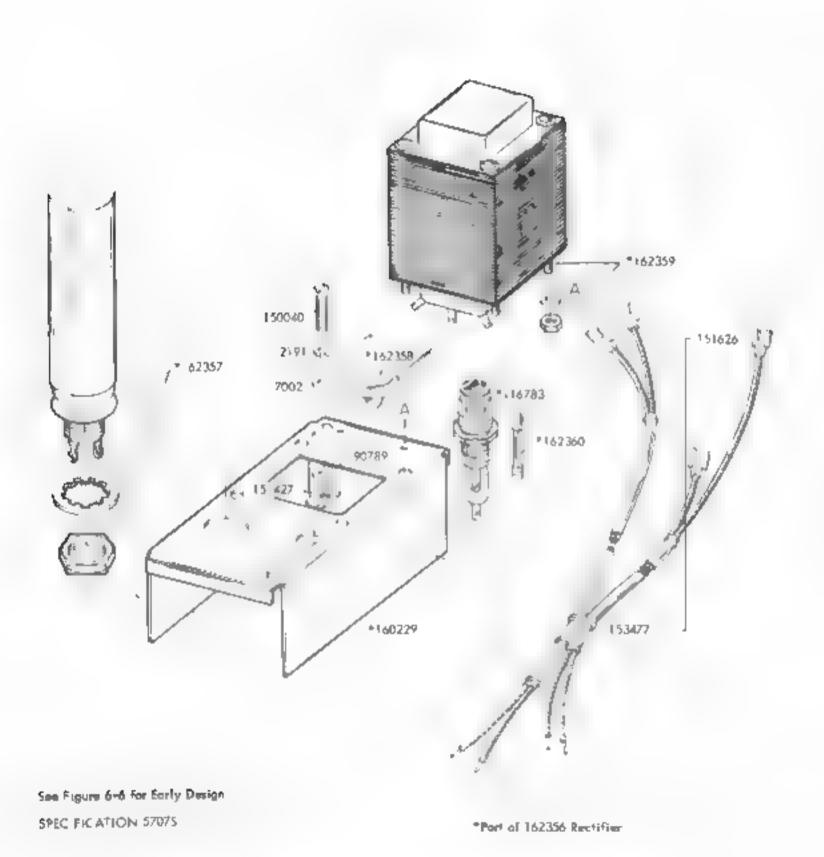
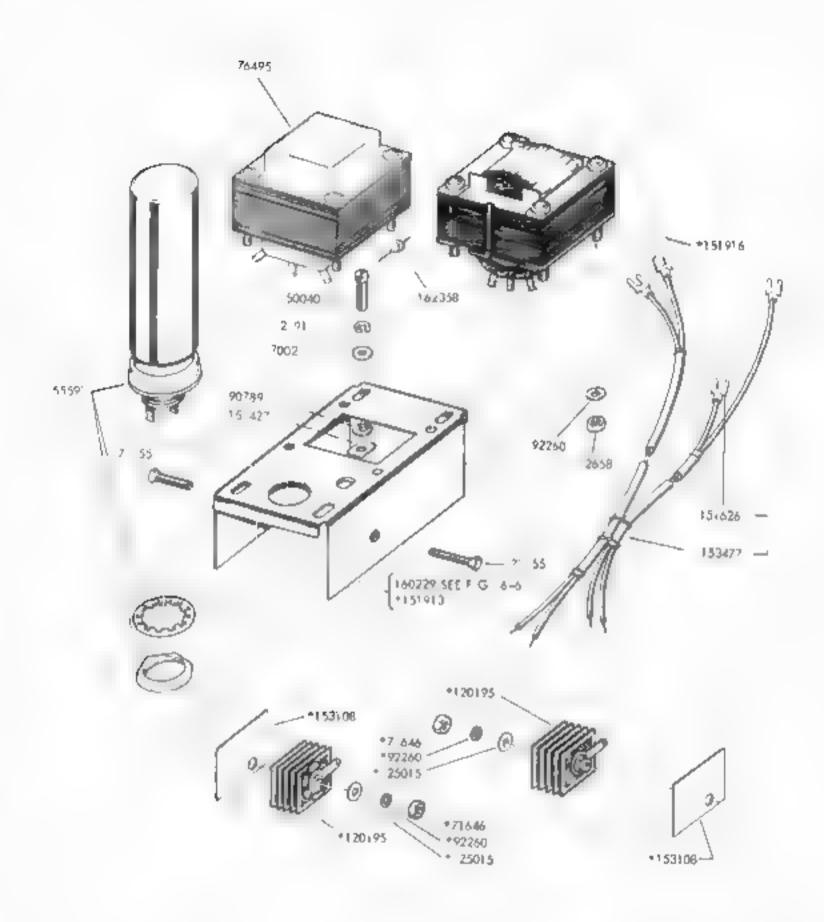


FIGURE 6-7. 162361 RECTIFIER AND CABLE ASSEMBLY (500 MA)



*Early Design Parts 120 MA)

FIGURE 6-8. 152950 RECTIFIER AND CABLE ASSEMBLY (150 MA)

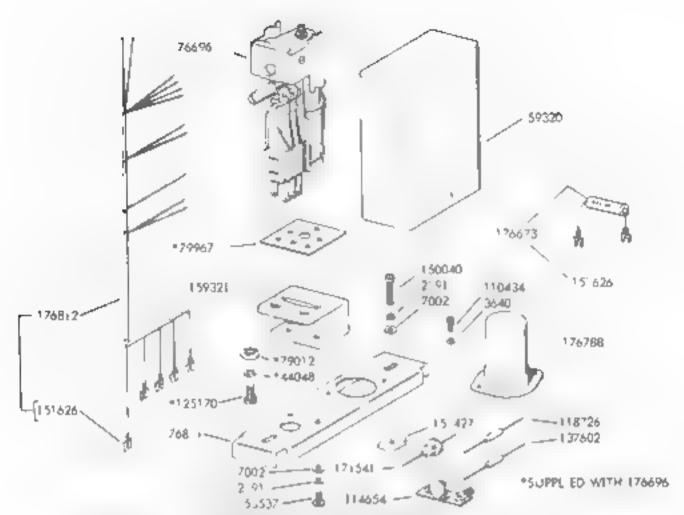


FIGURE 6-9. 176810 ANSWER-BACK CONTROL RELAY ASSEMBLY

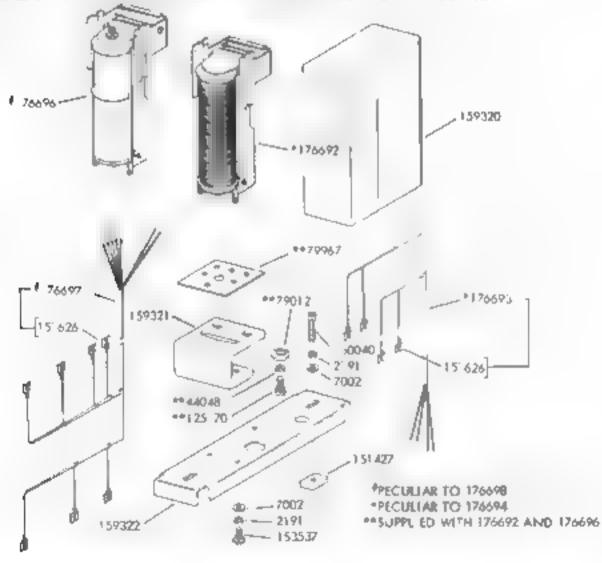


FIGURE 6-10. 176694 (MOTOR CONTROL) AND 176698 (SLOW RELEASE) RELAY ASSEMBLIES

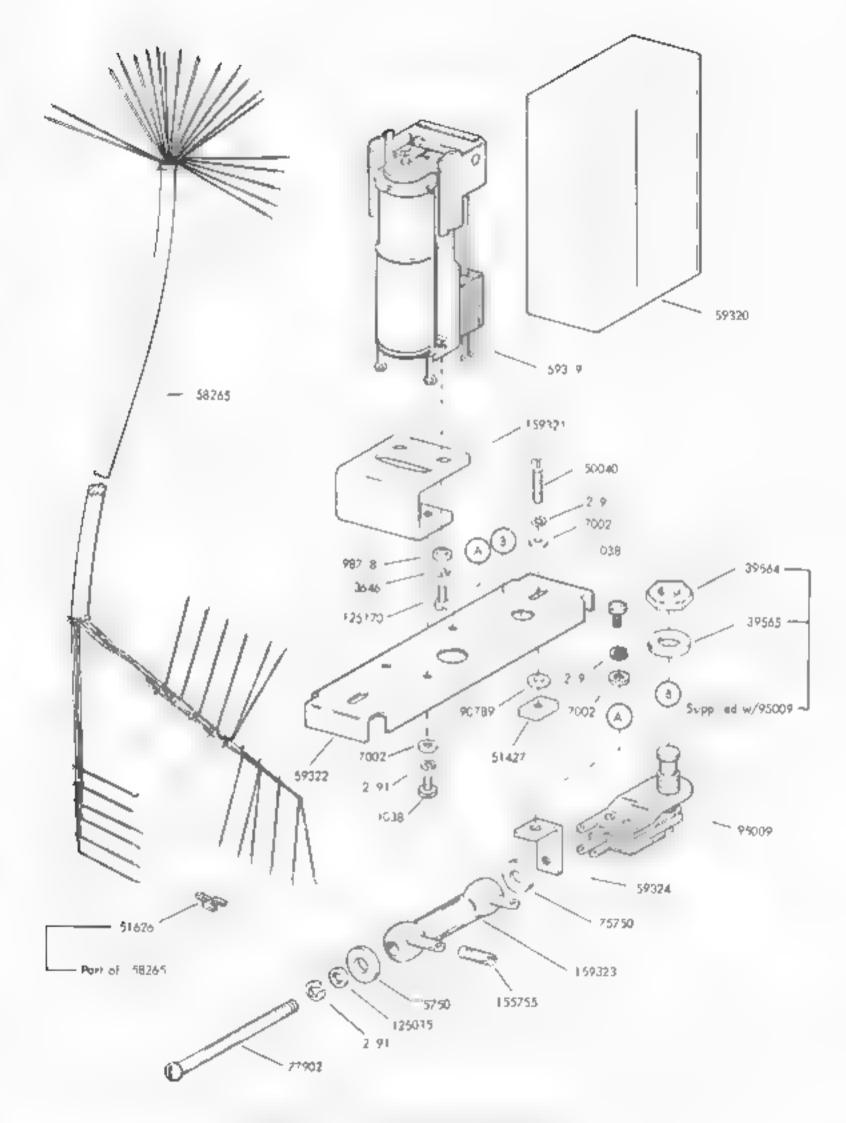
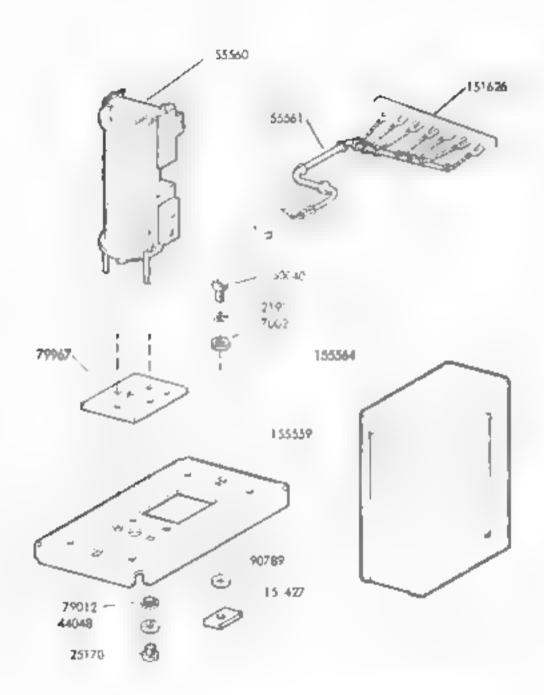


FIGURE 6-11. 159318 SLOW RELEASE RELAY ASSEMBLY



SPECIFICATION 5881S

FIGURE 6-12. 155558 D.C. CONTROL RELAY ASSEMBLY

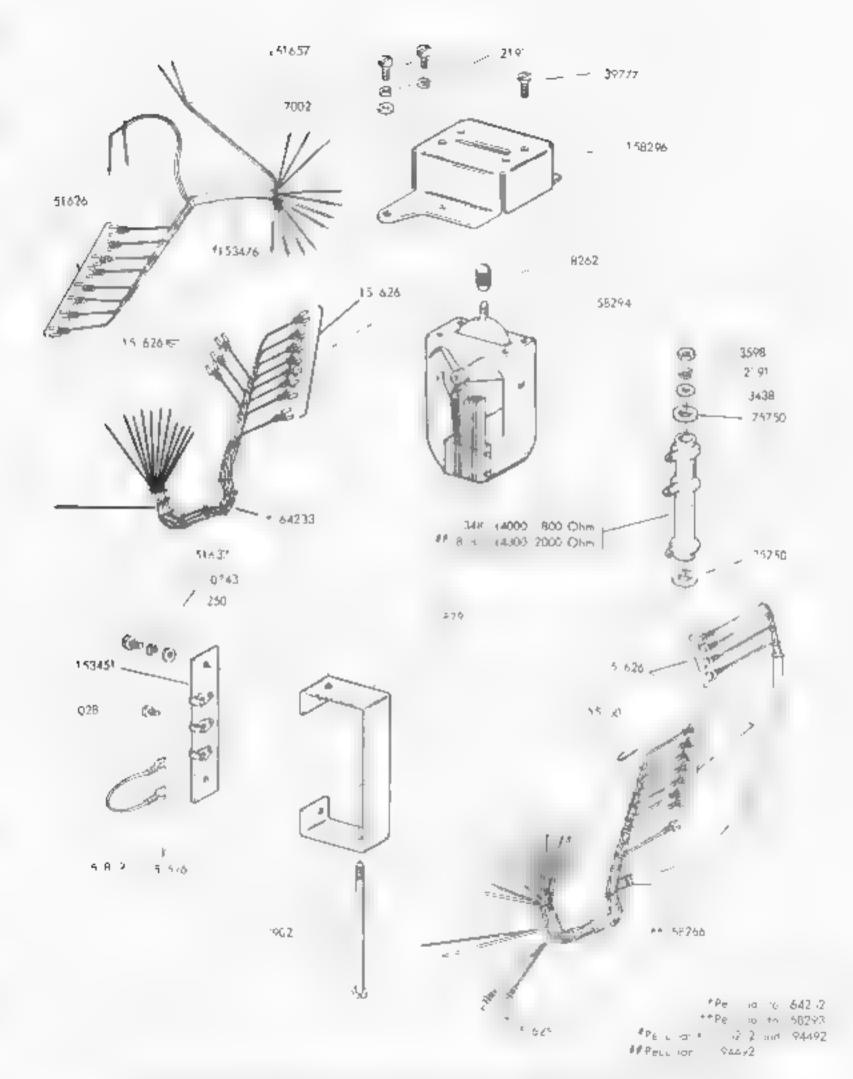
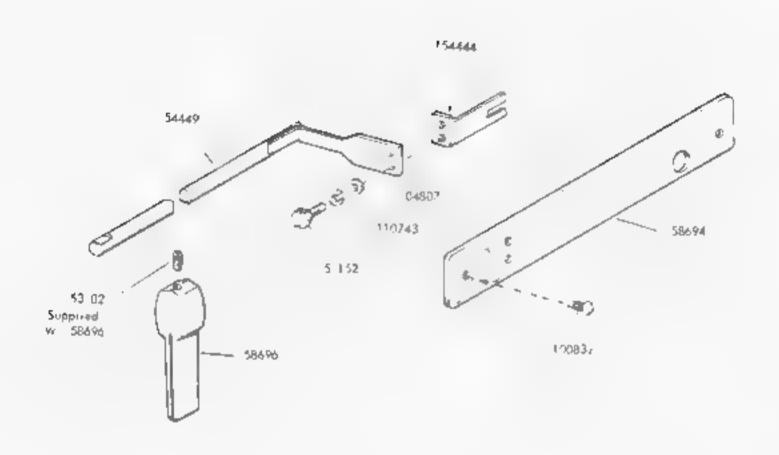
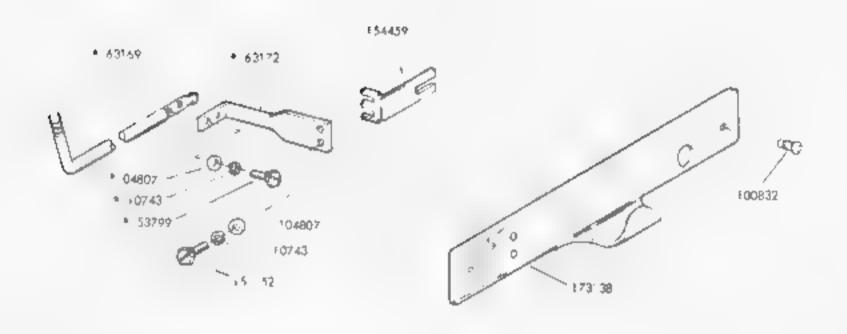


FIGURE 6-13. 158293, 164232, 173252 AND 194492 LINE TEST KEY ASSEMBLIES





*Part of 162630 Modification Kit Spec fraction 501055

FIGURE 6-14. LINE TEST KEY CONTROL

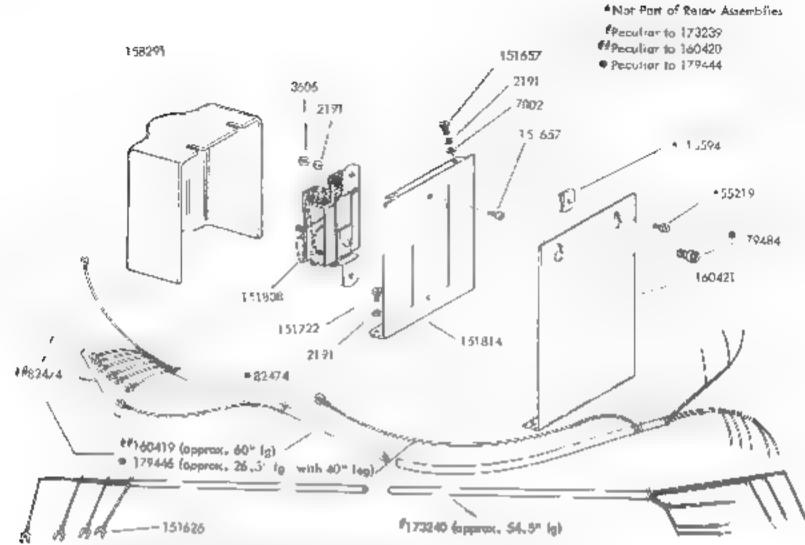
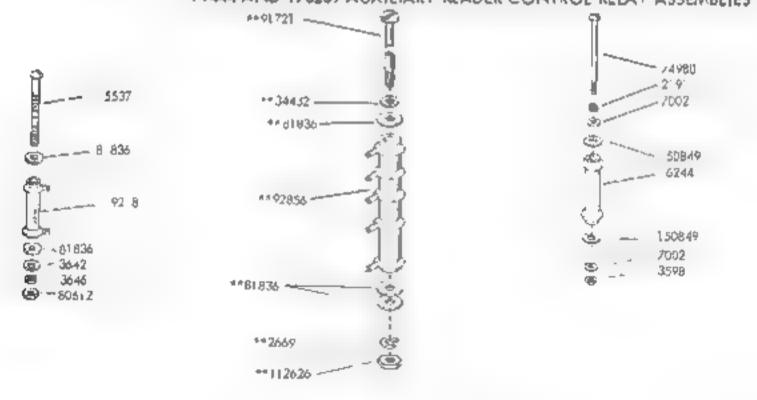


FIGURE 6-15. 160420 AUXILIARY LINE SHUNT RELAY ASSEMBLY
179444 AND 173239 AUXILIARY READER CONTROL RELAY ASSEMBLIES



^{**}Part of the 93073 Modification Kil

FIGURE 6-16. RESISTOR ASSEMBLIES

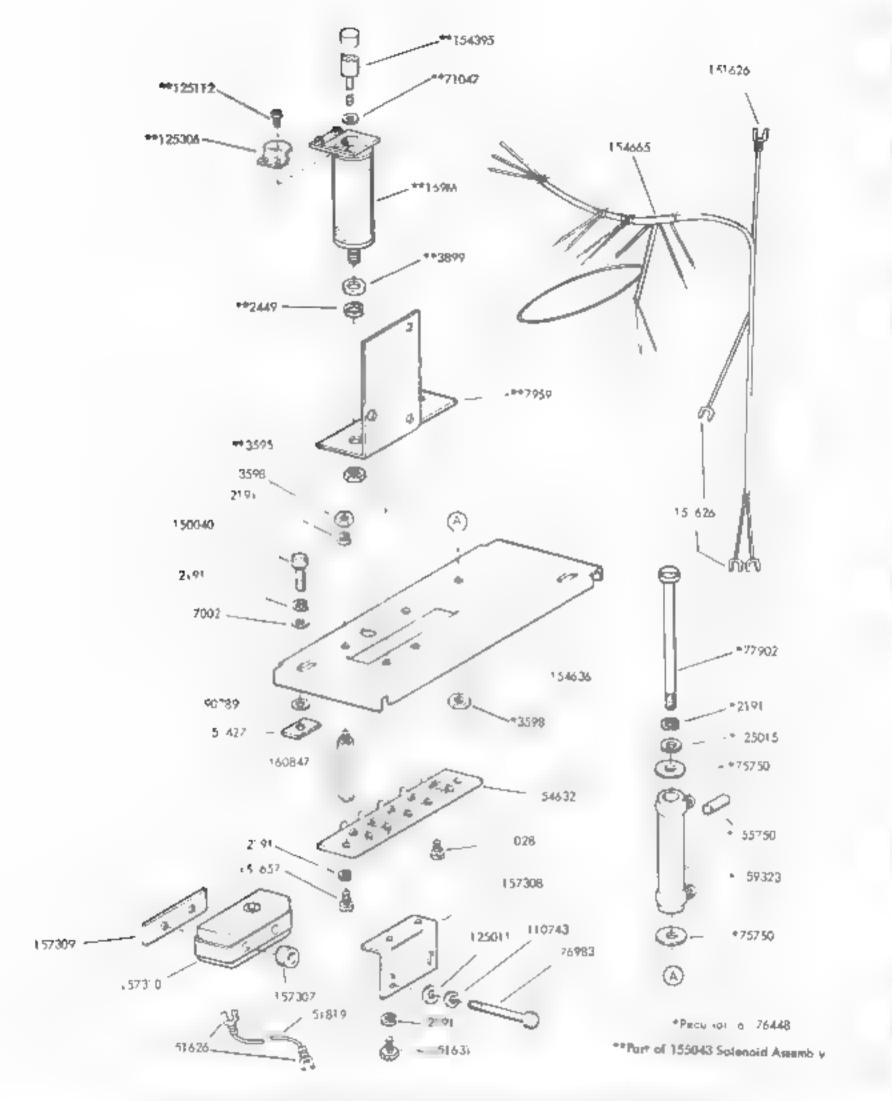


FIGURE 6-17. 152332 AND 176448 RELAY MOTOR CONTROL ASSEMBLIES

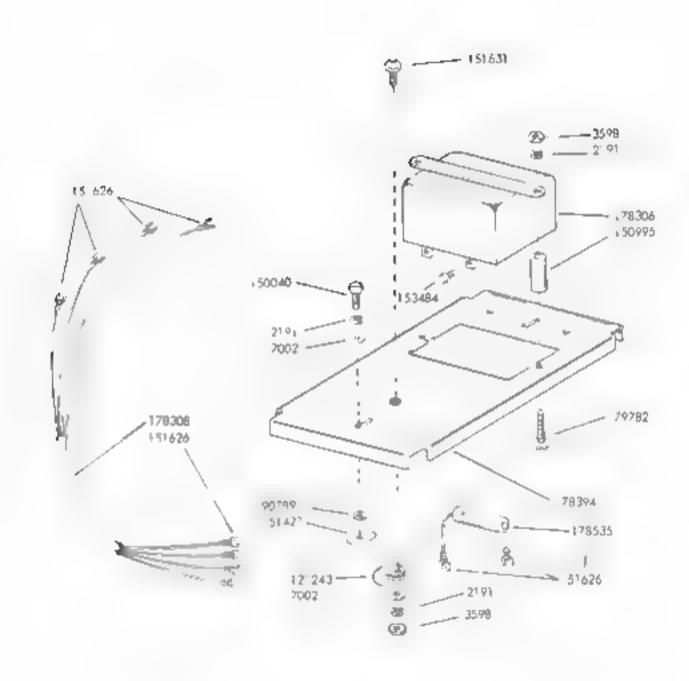


FIGURE 6-18, 178307 MOTOR CONTROL RELAY ASSEMBLY

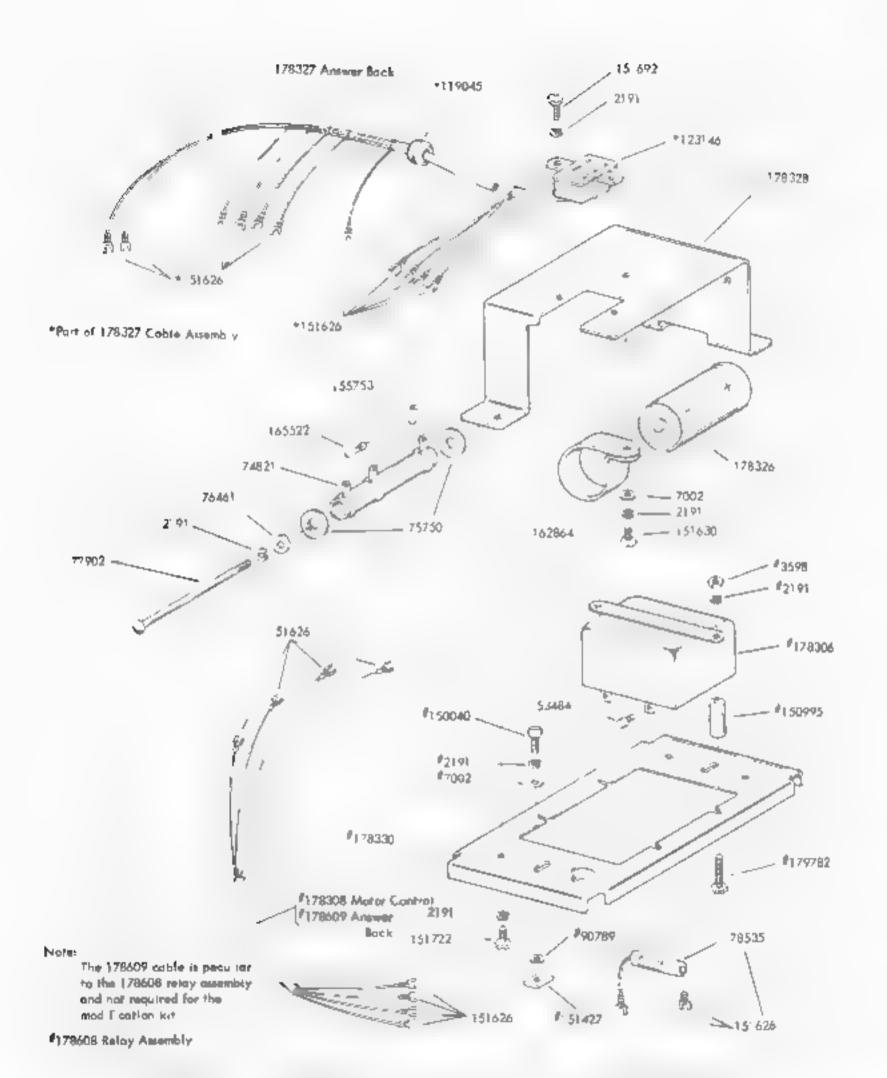
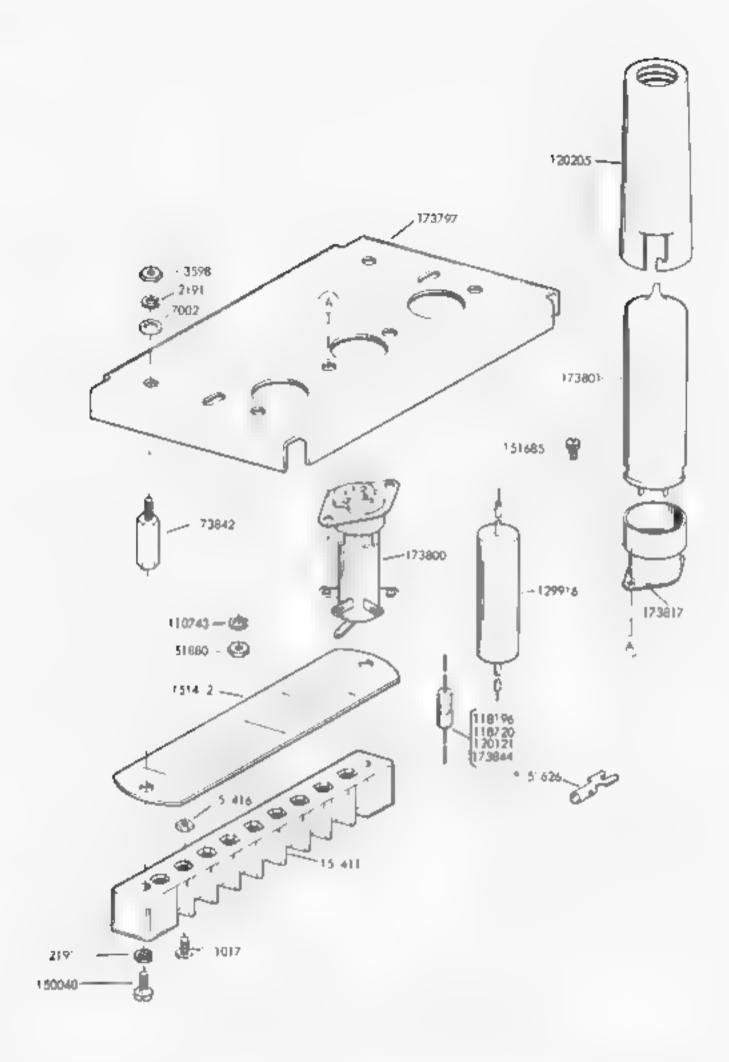


FIGURE 6-19. 178345 MODIFICATION KIT TO PROVIDE MOTOR CONTROL

AND ANSWER BACK RELAYS



*Paculian to 173452

FIGURE 6-20. 173452 FLECTRONIC KEYER ASSEMBLY

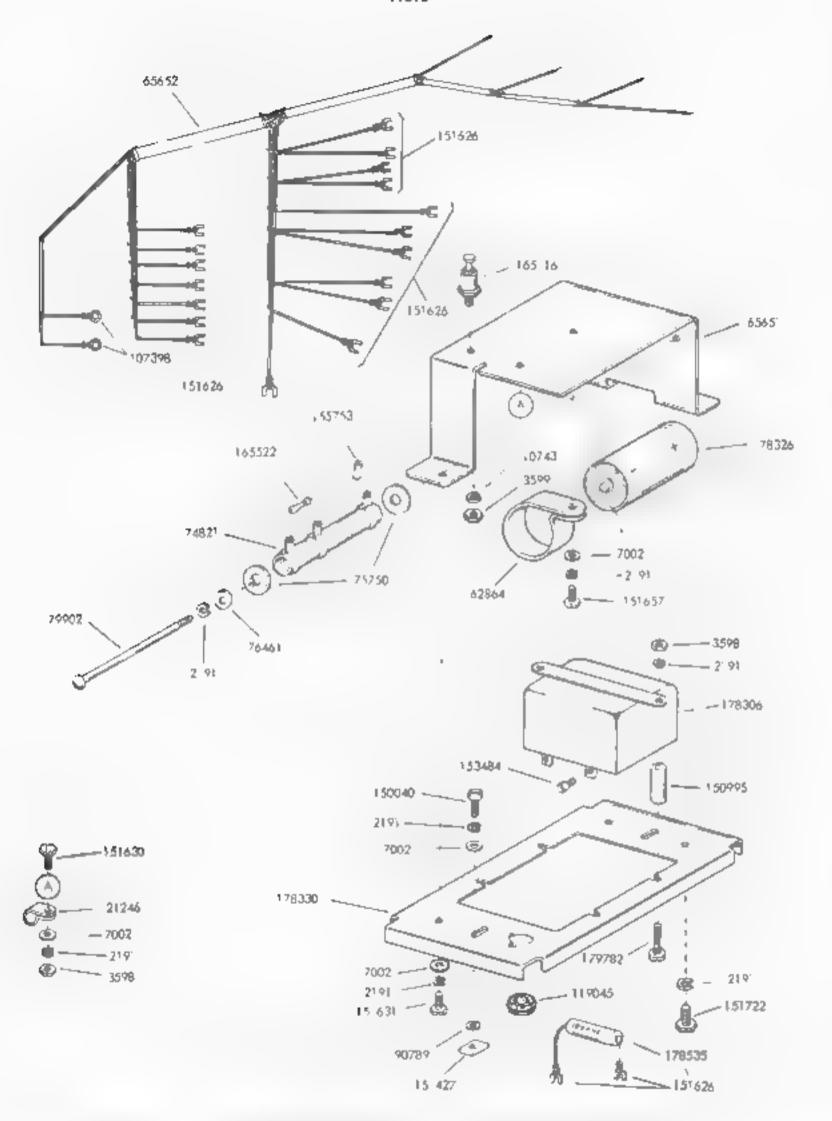


FIGURE 6-21. 165650 MOTOR CONTROL AND ANSWER BACK RELAY ASSEMBLY

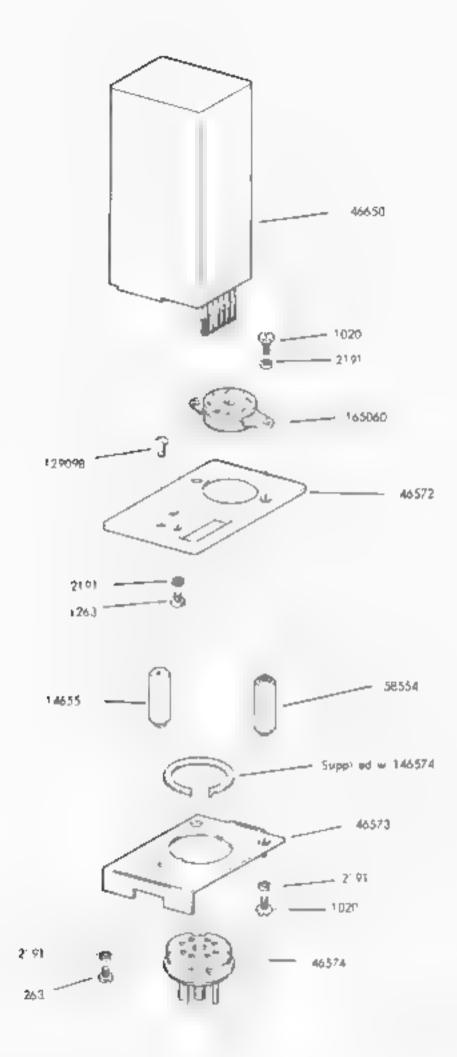
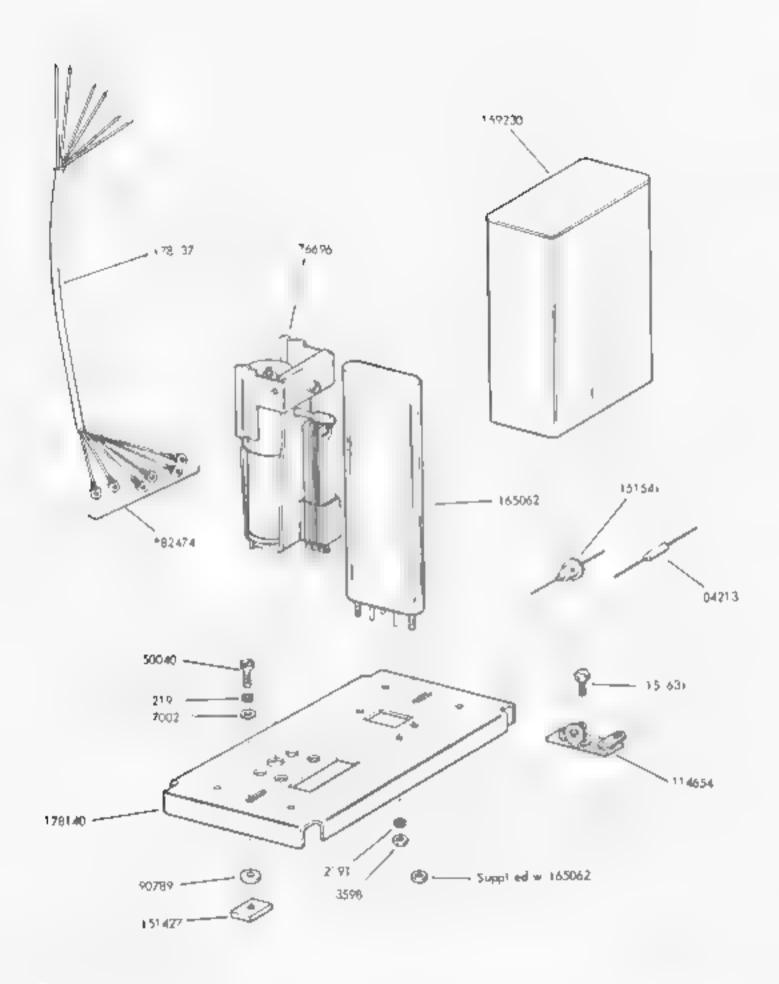


FIGURE 6-22. 146652 MODIFICATION KIT TO ADD WAVE SHAPING INDUCTOR



*Port of 178137 Coble Assembly

FIGURE 6-23. 178138 SLOW RELEASE RELAY ASSEMBLY (NON-CONTENTION)

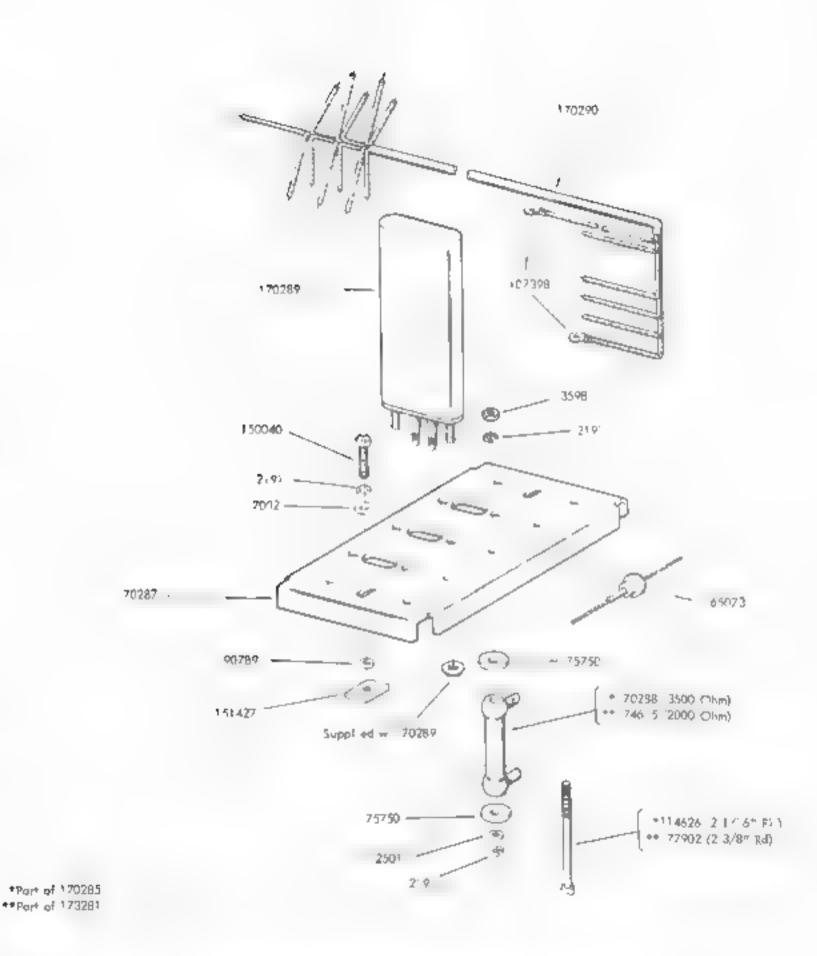


FIGURE 6-24. 170285 AND 173281 RESISTOR ASSEMBLIES

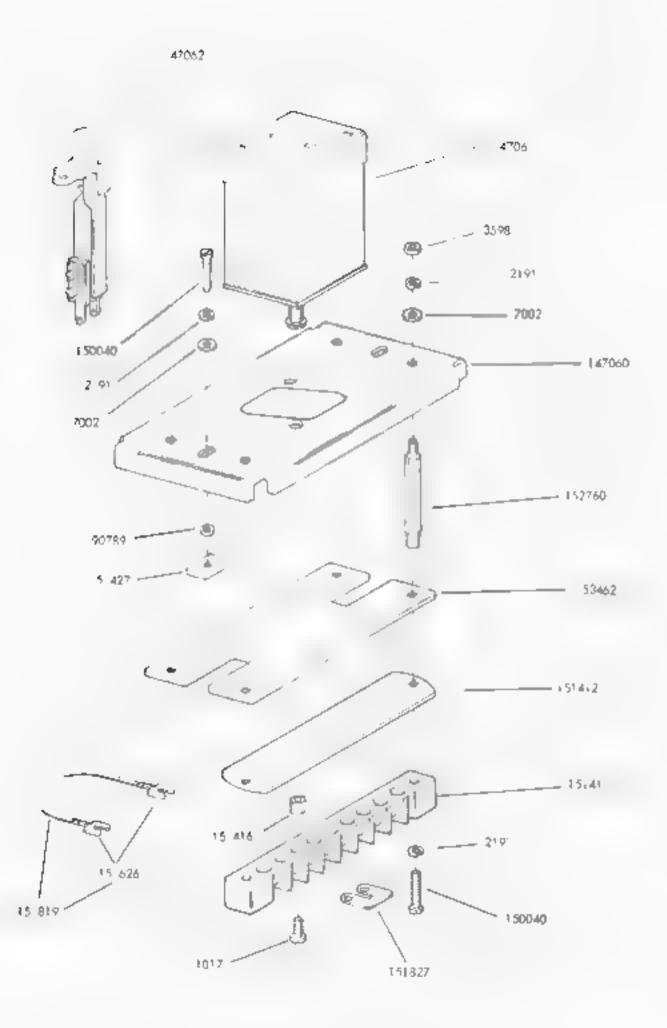
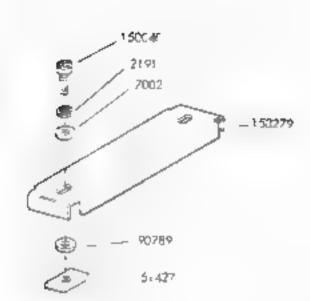
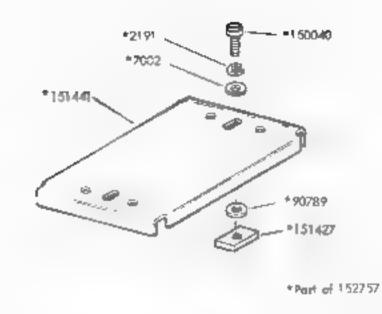
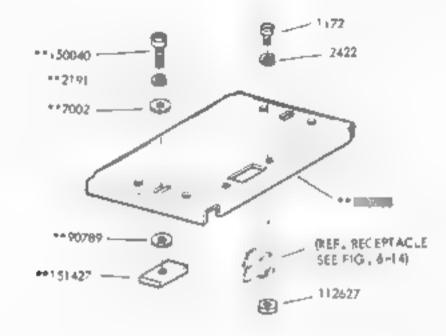


FIGURE 6-25. 147059 LINE JACK ASSEMBLY







** Part of 163965

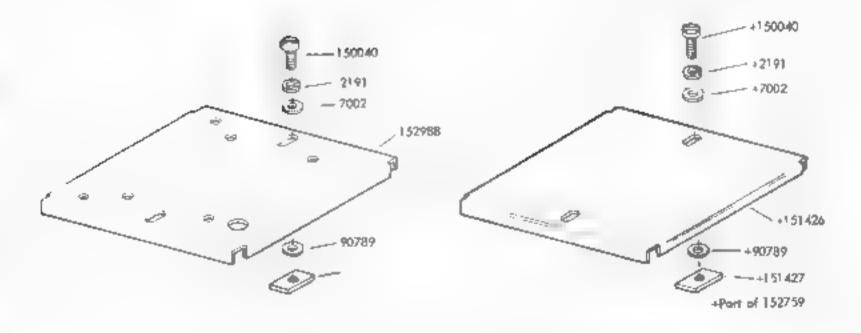


FIGURE 6-26. BLANK PLATE ASSEMBLIES

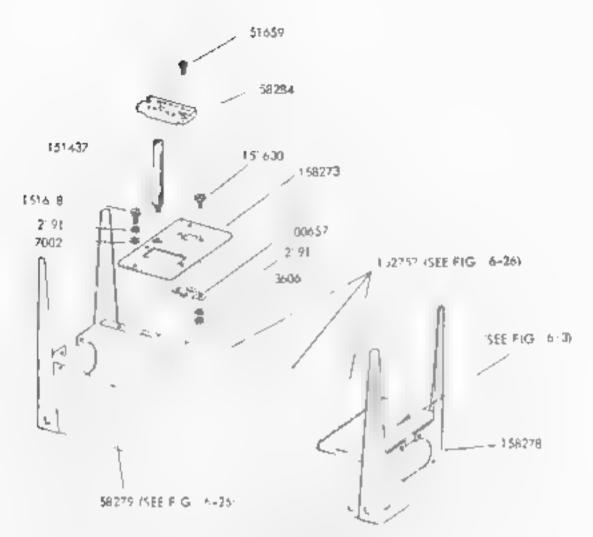


FIGURE 4-27. PECULIARITIES OF ELECTRICAL SERVICE UNIT

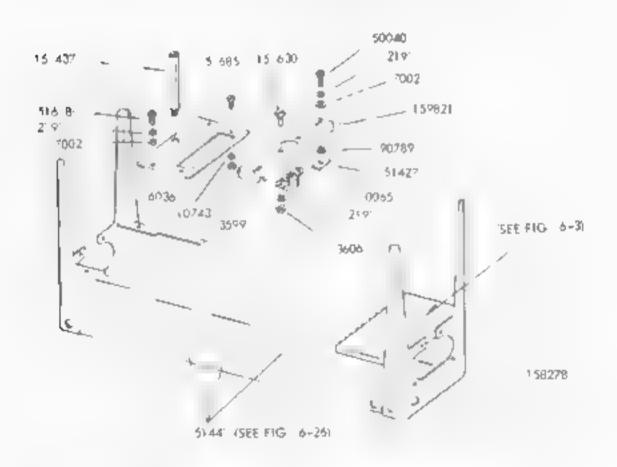


FIGURE 6-28. PECULIARITIES OF ELECTRICAL SERVICE UNIT

6-26

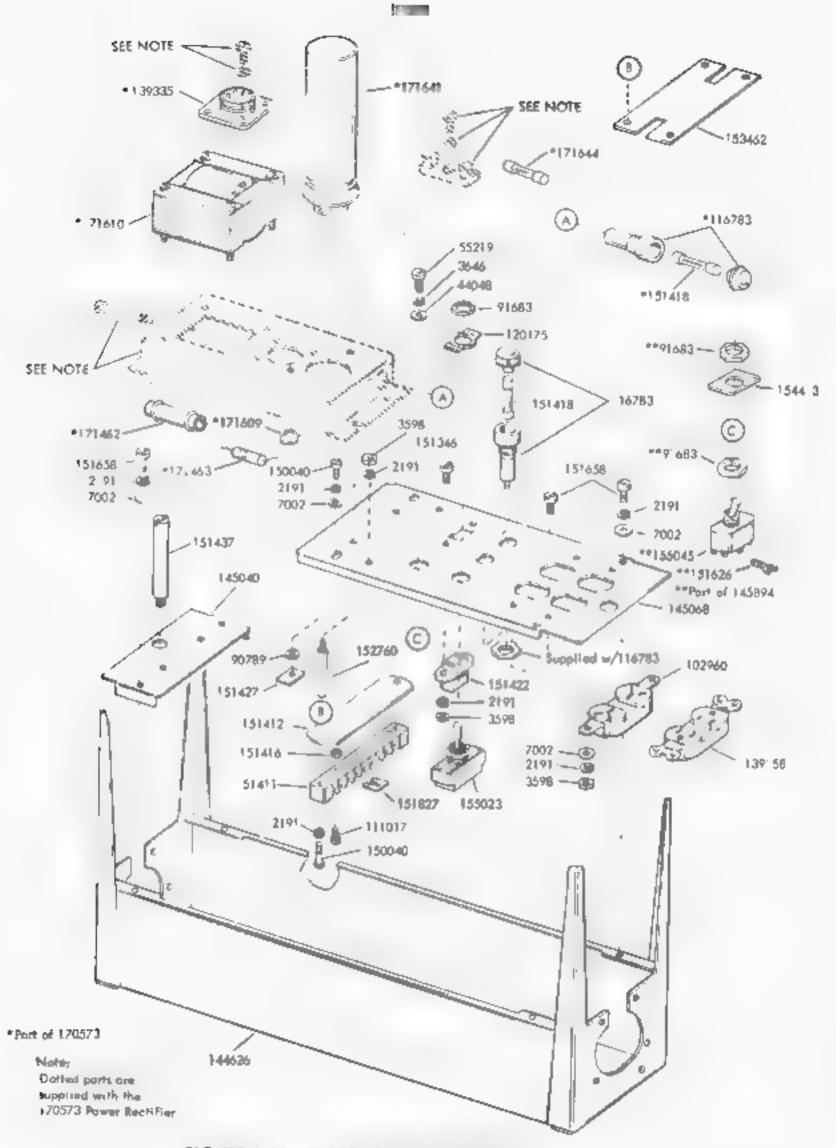


FIGURE 6-29. ELECTRICAL SERVICE UNIT

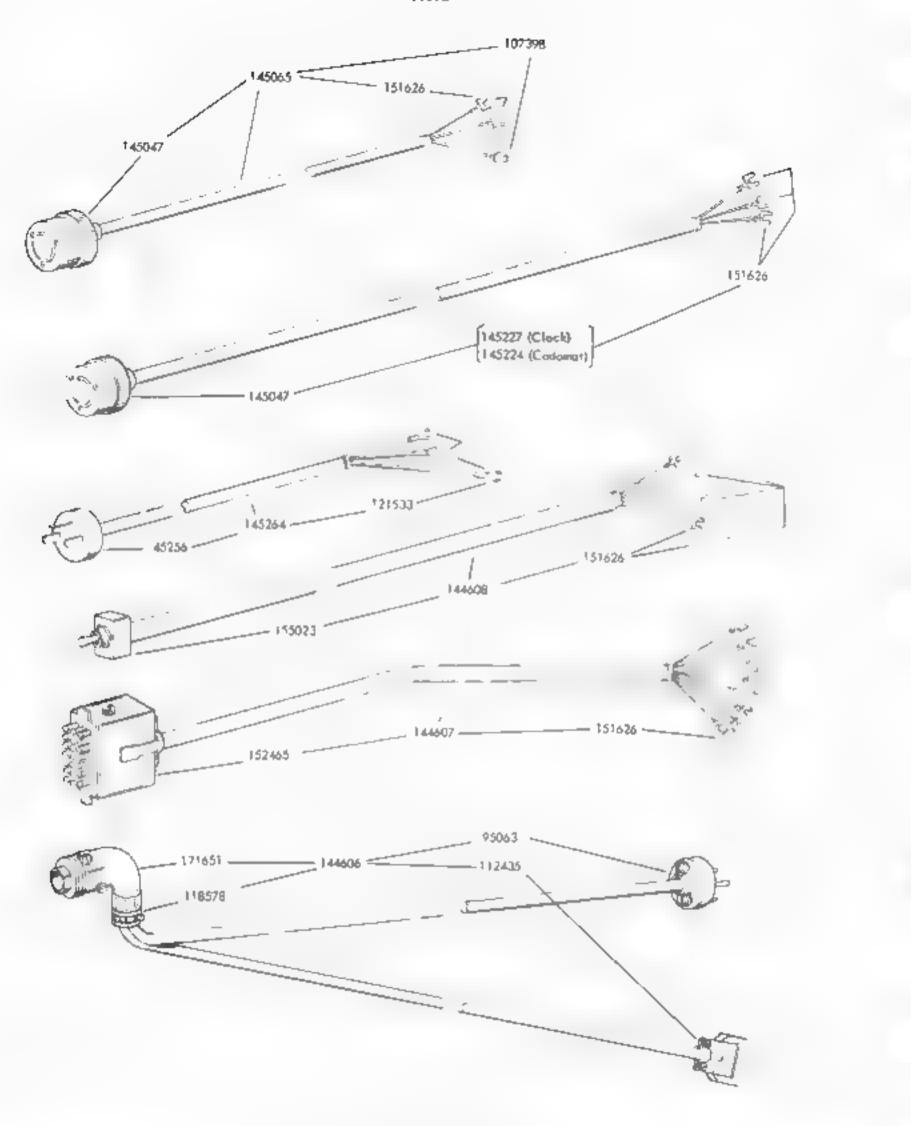


FIGURE 6-30. CABLE ASSEMBLIES

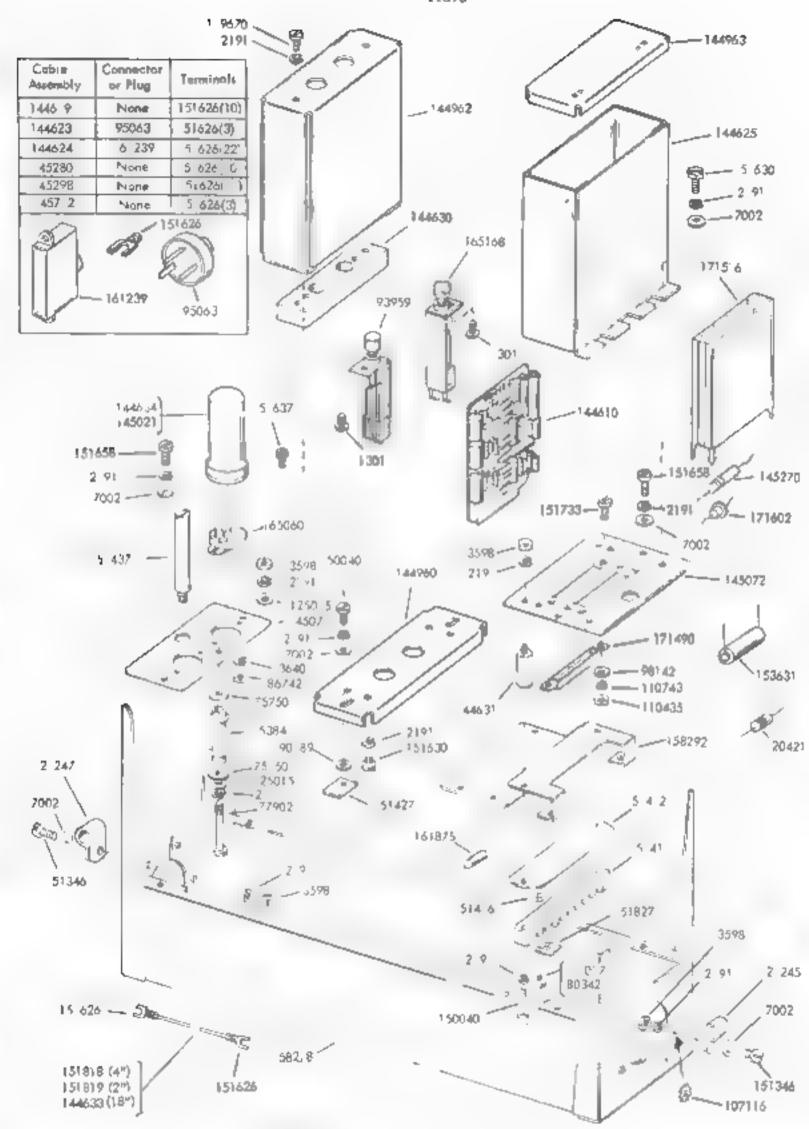
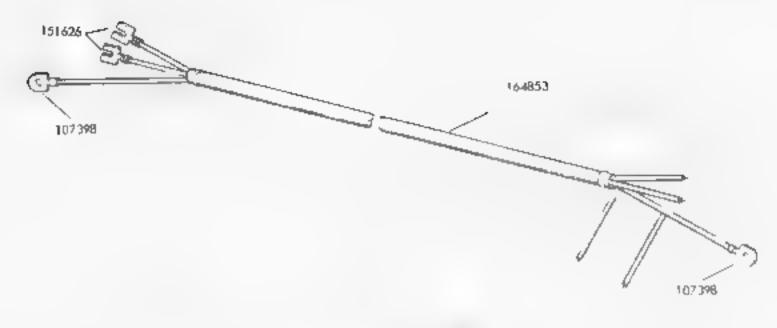
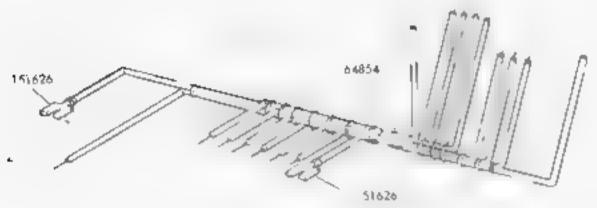


FIGURE 6-31. ELECTRICAL SERVICE UNIT





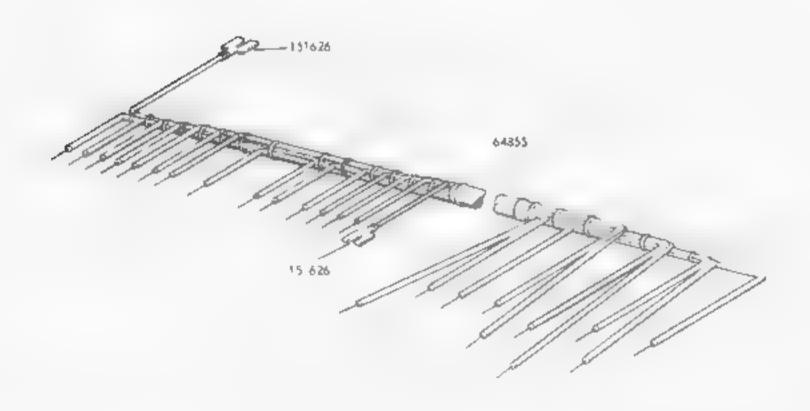


FIGURE 6-32. CABLE ASSEMBLIES

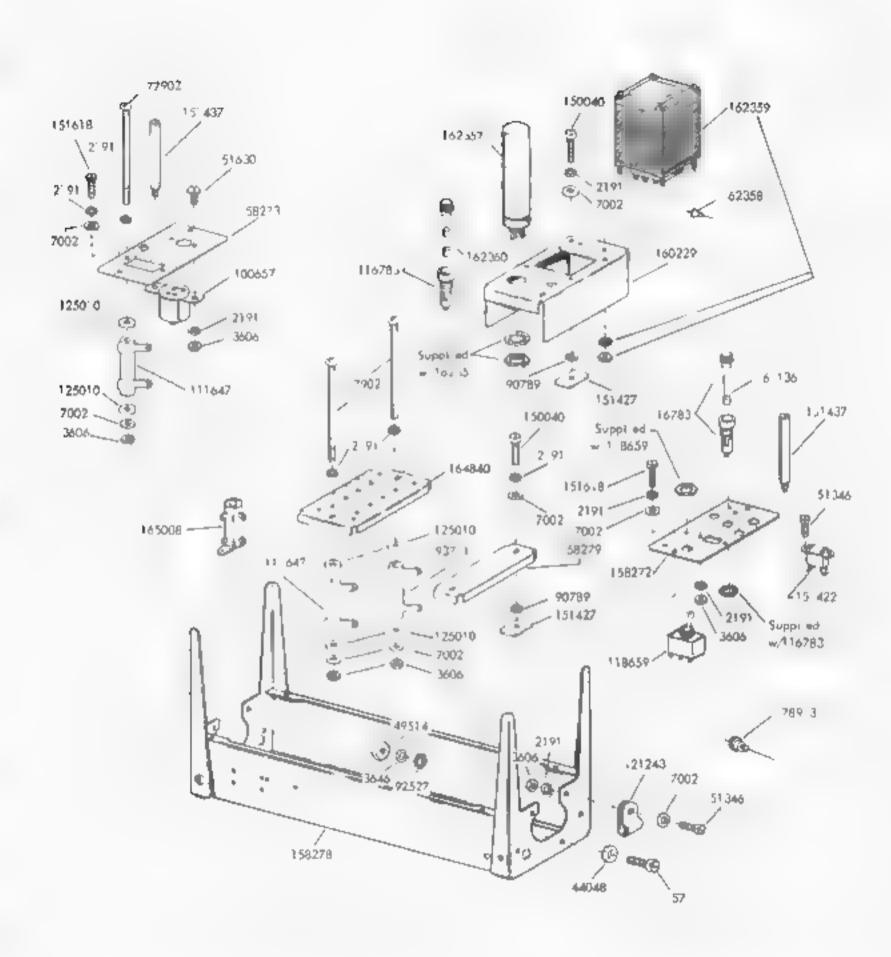
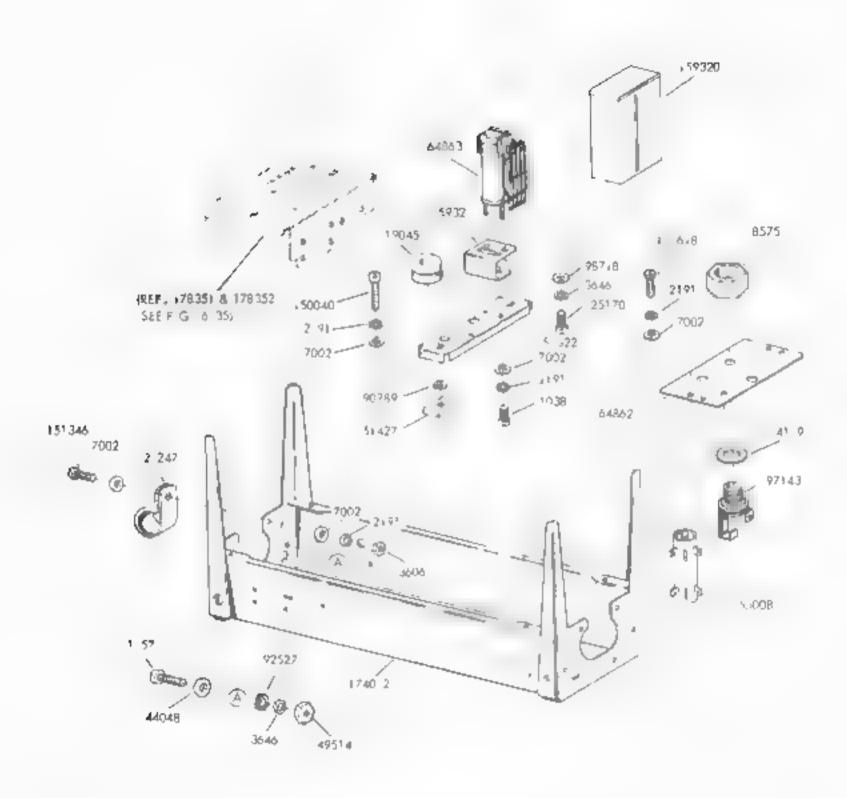


FIGURE 6-33. ELECTRICAL SERVICE UNIT

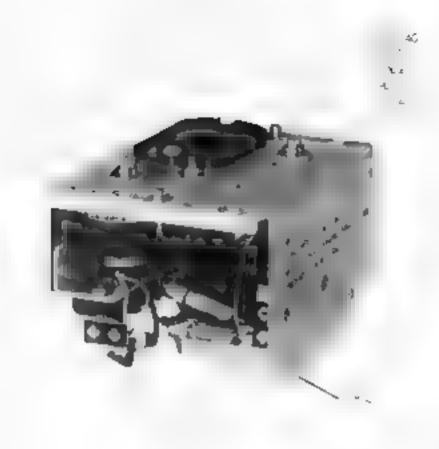


4.5

NOTE

This 154968 also includes a 154857 Capite Assembly with Ziencrosed 177398 Terminals and 35 open ended 151526 Ferminals

FIGURE 6-34, 164868 MODIFICATION KIT TO PROVIDE AN LAAC231** WITH AN AUXILIARY ELECTRICAL SERVICE UNIT (INCLUDES ALL PARTS ON THIS FIGURE AND FIGURES 6-35 AND 6-36)



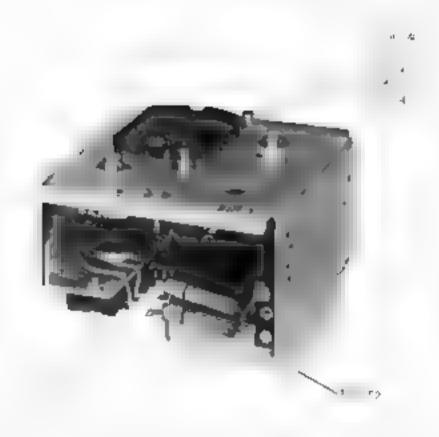


FIGURE 6-35. 164868 MODIFICATION KIT TO PROVIDE AN LAAC23)** WITH AN AUXILIARY ELECTRICAL SERVICE UNIT (INCLUDES ALL PARTS ON THIS FIGURE AND FIGURES 6-34 AND 6-36)

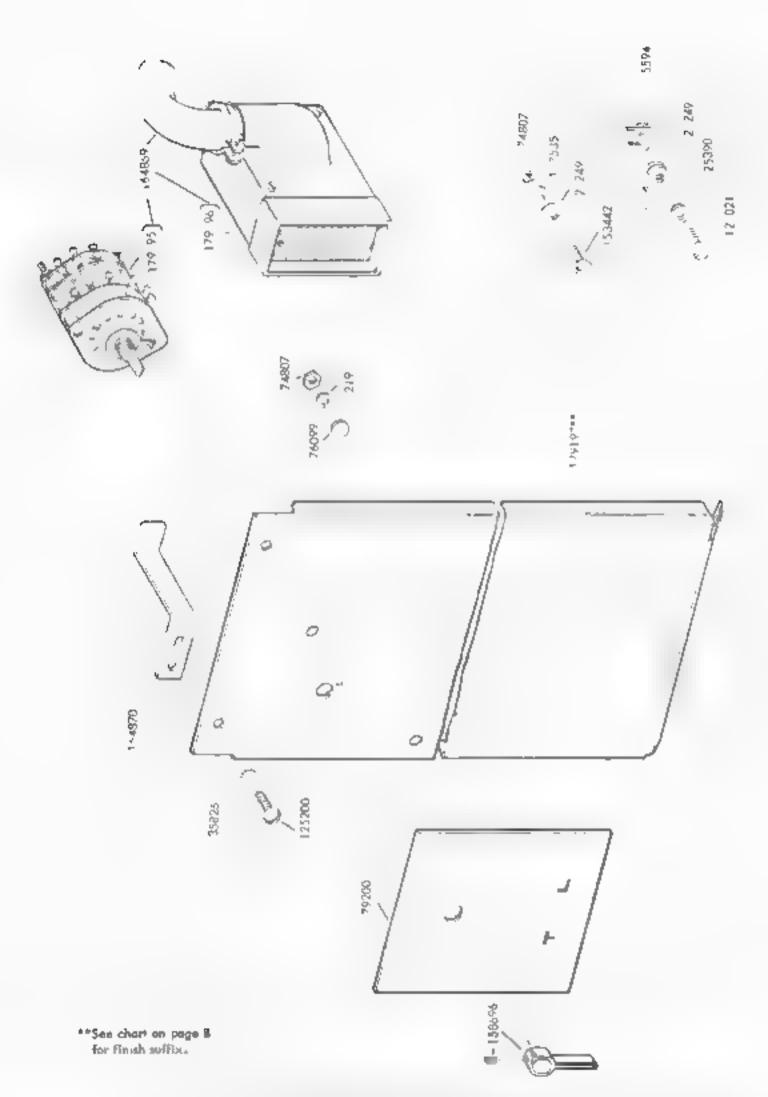


FIGURE 6-36 164868 MODIFICATION KIT TO PROVIDE AN LAAC231** WITH AN AUXILIARY ELECTRICAL SERVICE UNIT (INCLUDES ALL PARTS ON THIS FIGURE AND FIGURES 6-34 AND 6-35)

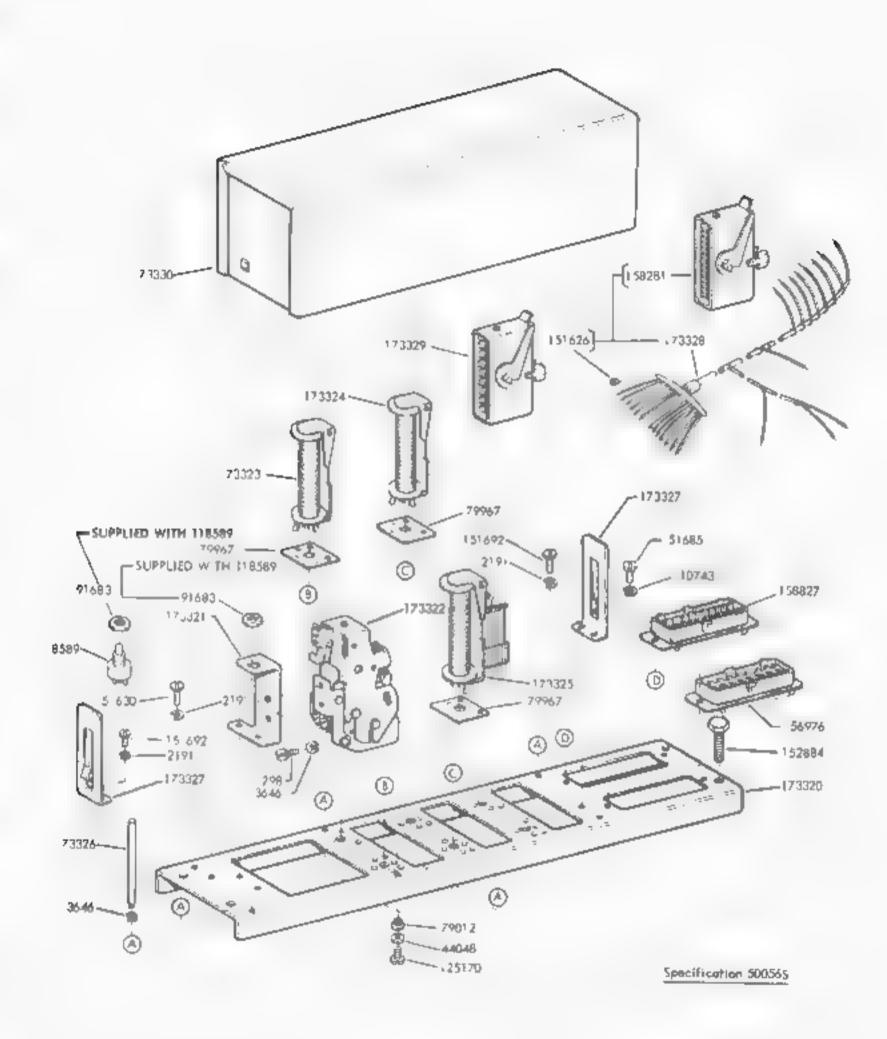
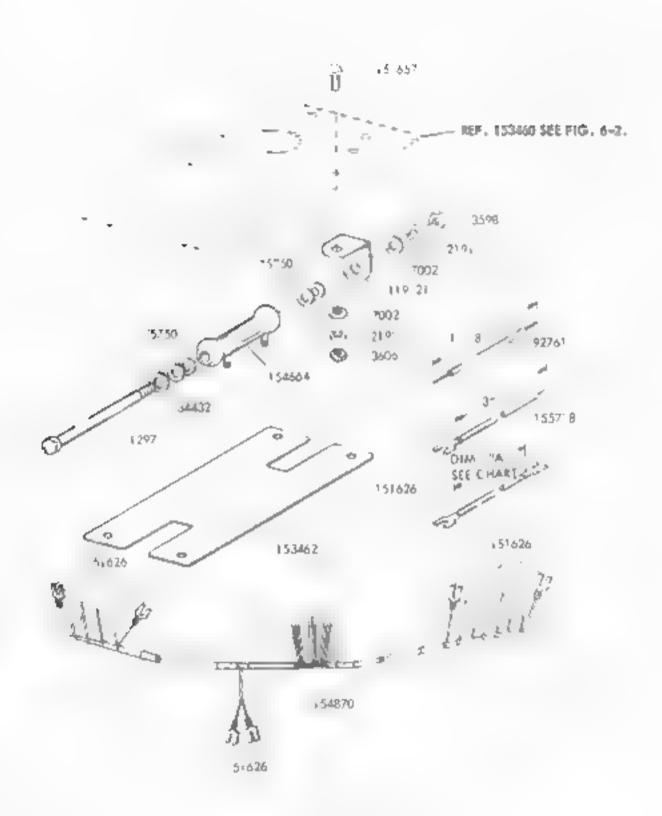


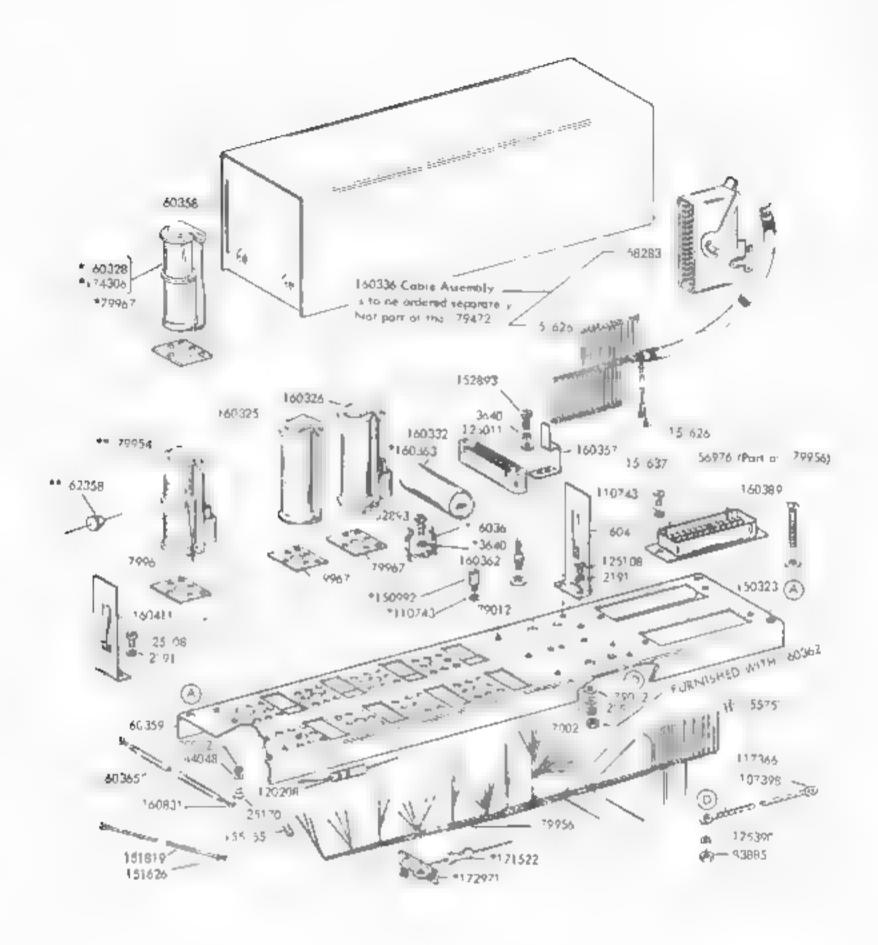
FIGURE 6-37, 162483 CALL DIRECTING RELAY UNIT

PART NUMBER	DIMENSION	PARTS REQUIRED		
15 8 9	3*	5 626 [2]		
57231	8"	5 625 2		
57232	9 4*	5 626 2)		



SPECIFICATION 5776S

FIGURE 6-38, 154747 MODIFICATION KIT TO ADD CONTINUOUS SPACING



**Alto part of 179953 Modification Kit to convert early design 60334 Central Day on to a 79472 SPECIFICATION 50:525 *Pecu sar to Early Design 150334 Mod F call on Kit
This feature no longer furnished
SPEC FICATION 58875

FIGURE 6-39. 179472 MODIFICATION KIT TO PROVIDE A TRANSMITTER CONTROL DEVICE

	Cabie	Conne	- base	1		€2	5	>	8,00
Units	Assembly	Receptacia	P) _{UC}	Terminols	Notes		7398	51626	82474
				PORTIFICATION	14046		17 JYM		44-1-4
LESU11	158282	1 59820	152466 (2)	107398 (96)					
			598. 9					-	-
551.17	50044	150040	1.55.4.4.100	400000		PS 53	>	1	
£5113	,58264	158259	152466 (2)	107398 (1)		5-		898	
LESU15				82474 (1 0)			1)	188	
LESU2I	160337	158601 (3)	152466 (2)	62474 (32)	Note #	198		46	
						C		1.1	
LESU22	160373		152466 (2)	82474 (29)		Glory		-0	William III
	.60378	158827	1.0001.0	82474 (21)		152	2466		158259
	×60379	159820	159819	82474 (53)					110211
LESU25	158264	158259	152466 (2)	107398 (1)				160369	-
LE5U28	/			82474 (100)		76382	1900	0	T T
				+		1 /1 9	1	256	(331)
LESU29	·67468	158259	52466 (2)	(07398 (112)		/\`€	000/6	F	67
ECI NO	140044	I E D G E O	P. S.	habana		/ 1)	(A)	177	
FE2P33	162856 162856	158259	152466 (2)	107398 (1)	1	1 6	J. B	-	
LESU35	158264			82474 (110)					1598
LESU36	158264					O		-	~
LE5U37	162896					1		8.	100
						116	100	100	- BE
LESU40	64085	159820	52466 2)	E\$1626 [1]		1.0)	
			1598 9	107398 1 3)	-	1	Tatana.		
LESU44	164237	58259	142466 (7)	07300 (2)		1	20	1	軽
613044	104531	161526	152466 (2)	.07398 (2) 82474 (106)		8	100		- 33
		701320		BE40 4 (100)			Town.		
LESU47	170286	150259	152466 (2)	107398 (1)			1598	19	
				82474 (96)					
LESU49	14.4051	170270	10244 . 20	77400 W				_	
CE2OmA	164951	1 58259	152466 (2)	51626 11				17	
	(82474 577				06	
						120		P ch	
LE5-J53	170286	58259	152466 (2)	07398 (1		# To			61526
				#2474 (96)		"		2.0	
LES-JS6	145215				Note #2	L.V		02/0	
LESUS7	(40213				Note 13	Prof		~	
LESU60					Note #4	1			
						14	51239		
LES J6	178781	16 239	52466 (2)	07398 (3)					15882
				82474 (97)		4			1
LESU66	176680	152465	152466	107398 (2)				31	
223300	170000	134-03	120,400	82474 (06)		- Marin)	2/1	ì
LESU48	17638	59820	50010	10" 39H /21	-	A PARTIE	-	9 9	
	, , , , ,		52466 (2)	51626 (194)			15860	1 14	
LESU69	174388		1509(19	07398 /2\		احر ا	-	f In	
LESU70	76348		152466 (Z)	151626 (137)		-			
PEC 47 4	58764	158259	152466 (2)	107398 (1)					
			ranom (m)	82474 (110)					
						Number 2	()	amie india	cate quantity
LESU79	179627			1		- Additional and	f & hearman		care deserved
	79429					Note #1: Thi			
LESUBZ	145689	158259	152466 (2)	1.07200 (1)					- 98726 Sen
	redució i	130735	132400 (2)	107398 (1) 82474 (10)		4-	- 61085 Luc	le Wgshins	
	1			DY-41 - FIDI					
	1					No. 42 C	Alamaka as	- E1	A-10
LESU83 LESU94 LESU98	170286 162896	58259	152466 (2)	107398 (1) 82474 (96)		Note 13: Co			

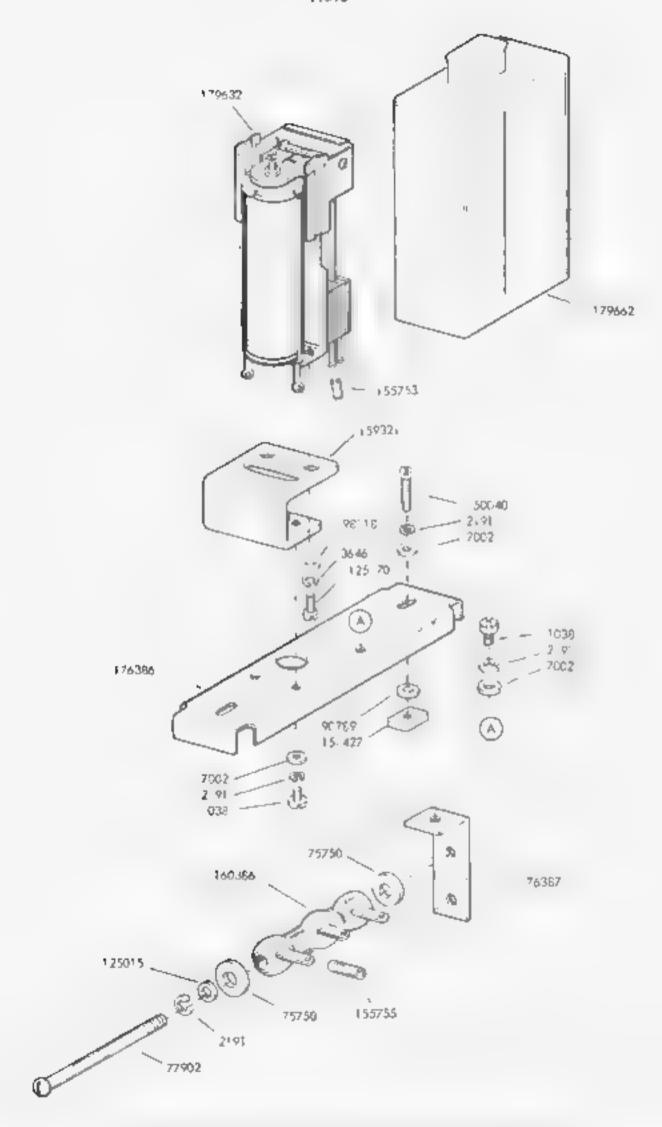


FIGURE 6-41. QUICK ACTING RELAY (10 MS) MECHANISM

NUMERICAL INDEX SECTION 6

Part Number	Description and Page Number			Part Number	Description and Page Number	0
169M	Coll, Magnet 6-16	76983	\$crew (4-40 x 1-1/4 Fil) 6-16	118575	Nut, Insulating (3/6-32 Nex) d-32	
24714	Coll Magnet 6-6	77902	Screw (6-40 x 2-3/8 2d) 6-5,6-11,	118578	Clomp, Cable 6-28	
252M	Co / Magnet 6-6		6 3,6-6,5-18,6-20,6-23,6-29	11858V	Switch Push 6-35	
1020	Screw 6-40 x 1/4 Hex) 6-21	-04	6-31,6-39	118659	Switch, Toggto 6-4,6-31	
028	Screw 4-40 x 7 32 F 6-5,6-3	79012	Washer Imploring 6-10,6-12,	118720	Residual Meg Ohm 6- 9	
038		79967	6-35,6-37	118726	Resistor (820 Ohm) 6-10	
000	6-32.6-39	B0342	Insulator 6: (0,6-12.6:35,6-37 Screw (6-40 x 3/8 riex) 6-29	119045	Grommet Rusber 5-4,6-8,6-20	
093	Screw 8-32 x 7/16 F.3; 6-6	B0612	Nut (8: 32 Hex) 6-15	119121	6-32 Beocket 6-36	
1157	Sorew (8-32 x 1/2 Fil) 6-2,6-31,	B3854	Serew (6-40 x 1-7/16 Fil) 6-4,	119218	Resistor (350 Ones) 6-15	
	6-32		6-6	119870	Screw (6-32 x 1/2 Fd) 6-29	
1 72	Serew (2-56 x 5/ 16 F I) 6-25	81B36	Washer, Fiber 6-15	120121	Resistor (62,080 Ohes) 6-19	
248	Screw 6-40 x 7/16 Fior, 6-5	82474	Terminal 6-15,6-22,6-38	120175	Plate, Off-On 6-27	
1263	Serow 6-32 x 1/4 F 1) 6-21	82516	Spring 6-5	120195	Rectifier 6-9	_
297 298	5c/sw 6-40 x 2-7/16 Rd) 6-36	8287C	Resistor (6300 Oim) 6-13	120205	Shield, Tube 6-79	
1301	Screw (8-32 x 1/4 FH) 6-35 Screw 6-32 x 3/8 Rd) 6-29	86742	Nut (6-32 Hex.) 6-37	120205	Resistor (22 Ohm) 6-37	
2034	Washer, Flat 6-6	89548	Nut (4-40 Hex) 6-29 Spring, Contact 6-5	120421	Nesister (100 Okm) 6-29	
219	Wesher, upck 6-2 to 6- 3,6- 5 to	90789	Washer Flot 6-5,6-7 to 6-9,6-	12 25	Scraw (8-32 x 1/2 F.i.) 6-34 Washer Spring 6-6	
	6-27,6-29,6-3,6-32 to 6-37,6-39		5- 2.6-16 to 8- 8,6-20,6-22 to	12 243	Clomp coble 3, 16 0 6- 7	
2201	Nut .5/16-32 Hox) 6-6		6-27,6-29,6-31,6-32,6-33,6-39		6-31	
2422	Worker, Lock 6-25	90951	Washer, Lock 6-6	121245	Clamp. Cable (5/16 (.D.) 4-2,6-6	
2449	Washer, Lock 6- 6	91683	Not (15/32-32 Hex) 6-4,6-27,6-35		6-29	
2658	Nut 6-32 Hex 6-9	9 73	Screw (10-32 a 3-3/4 Fr) 6-15	121246	Clamp Cable 9/8 1 D. 6-20	
2669 3438	Wether Lock 6- 5 Wother, Flot 6-13	92260	Wesher Lock 6-9	121247	Clump Cobis 7 16 (D. 6-2,6-29	
3595	Nut 1, 4-32 Hex 6- 6	92527 9276	Wosher, Stor 6-2,6-31,6-32	121240	6-32	
3598	Nut 6-40 Hex) 6-3 to 6-6,6-13,	92856	Cedd () - 1 2 Slack 6:36 Resistor (1500 Ohm) 6-3,6-15	121249	Clamp Coule 5, 8 D 6-2,6-3 6-34	
	6-15 to 6-20,6-22 to 6-24,6-27,	93073	Monification Kit 6-15	121250	Clamp, Cable 6-2	
	6-29,6-36	93711	Resistor (200 Ohm) 6-31	121533	Terminal 6-28	
3599	Nu: 14-40 Hex 6-20,6-26	93999	Key W Sciew (6-J2) 6-29	123' 46	Socker 6 Sipri 6- 8	
3606	Not 16-40 Hex 6-2.6-3.6- 5	95009	Switch Push Button 6-11	250±0	Worker insulating 6-31	- 6
D / 15	6-26,6-31,6-32,6-36	84063	Connector Plug (3 Pt) 6-28,6-29	125011	Worker Flor 6- 3,6- 6,6-23,6-37	
3640 3646	Wather, Look 6-6,4-10,6-29.6-37	97 +3	Jack 6-32	25015	Violator Flot 6-4,6-5.6-9,6-11,6-16	
2046	Washer, Look 6-6,6-11,6-27,6-31, 6-32,6-35,6-39	98142	Wosher, Flat 6-29	100100	6-29,6-39	
3870	Spring 6-6	98718 98726	Wotner, Flot 6-11,6-32,6-39 Screw (3-48 x 1/4 Fil) 6-35	125108	Sorew (6-32 x 3/8 f(1) 6-37	
3899	Spoon 4-16	100657	Connector, Resopracle (2 P1) 6-26,	125112	Screw (2-56 x 1/8 Fix) 6-16 Screw 8-32 x 5/16 F 6- 0 to	
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SECTION 7

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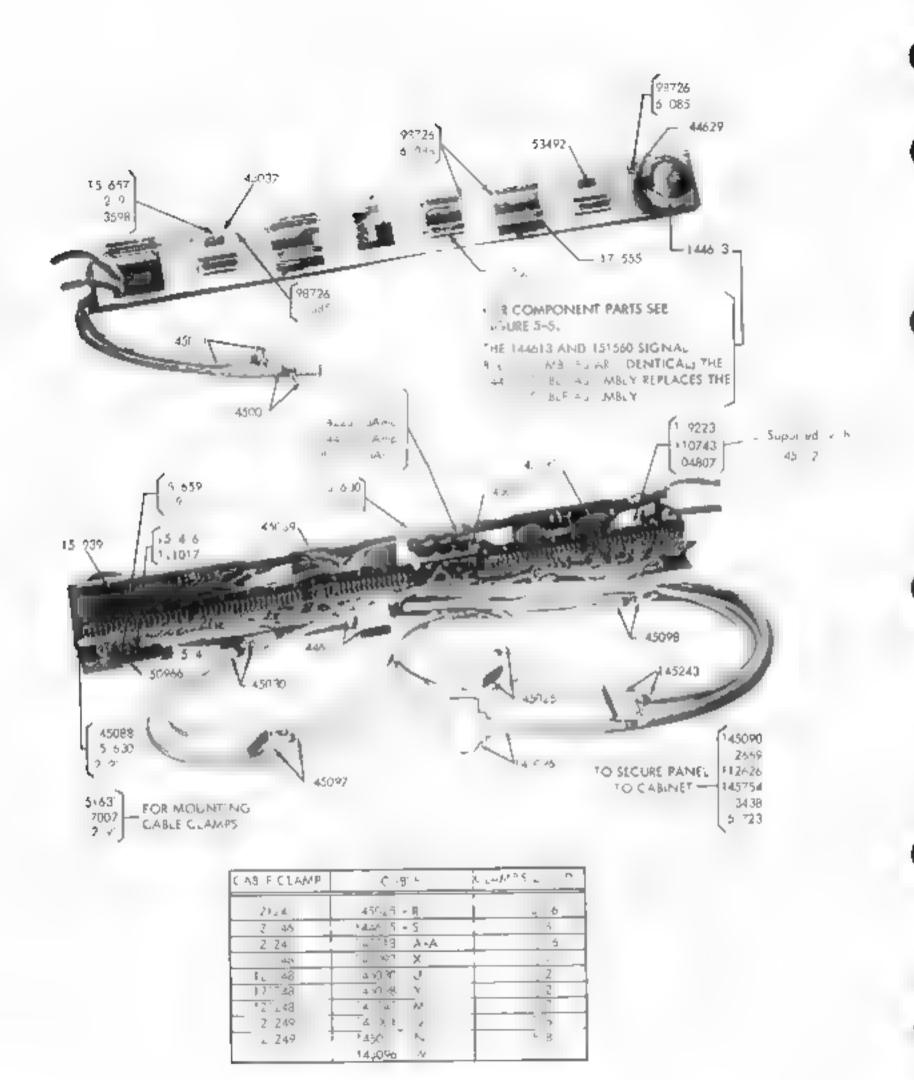
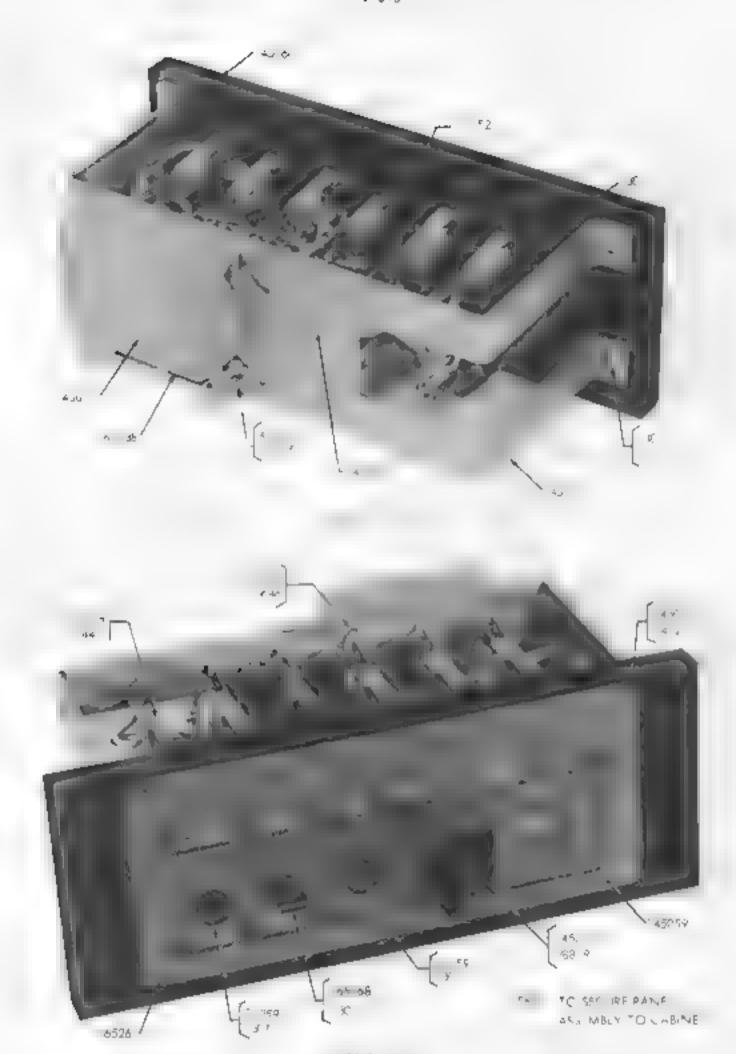
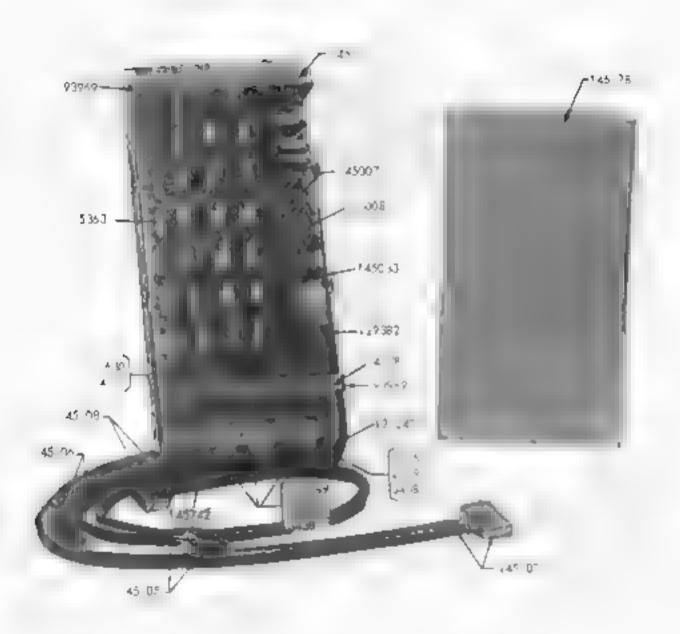


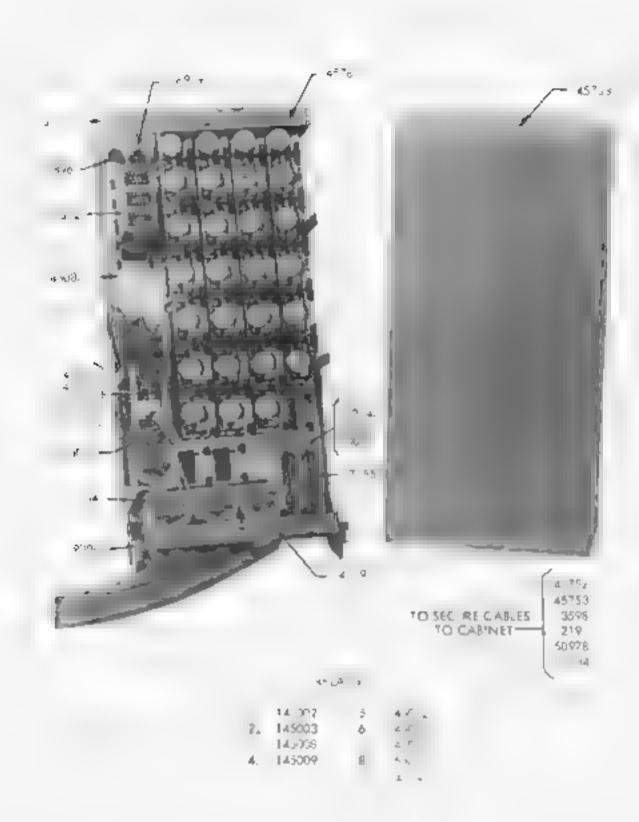
FIGURE 7-1 145000 DISTRIBUTOR PANEL ASSEMBLY



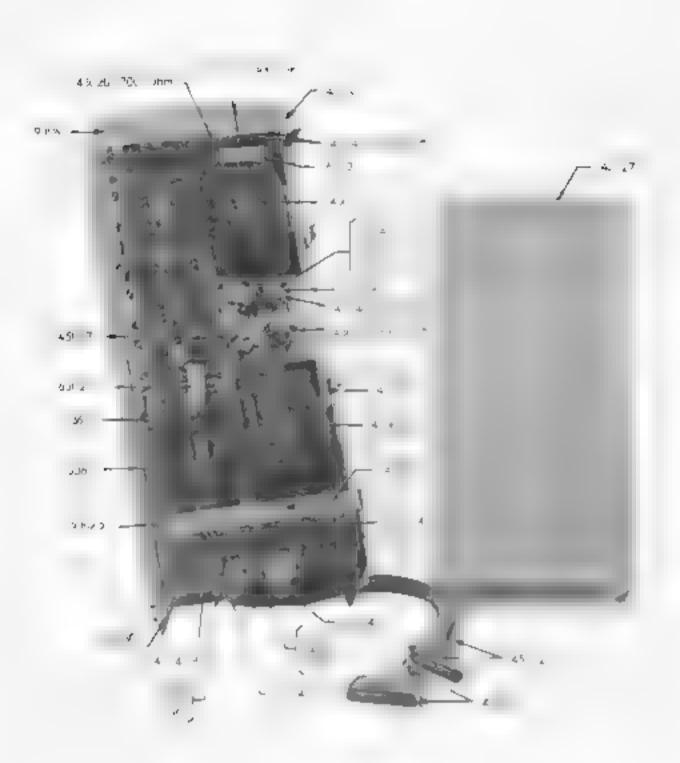
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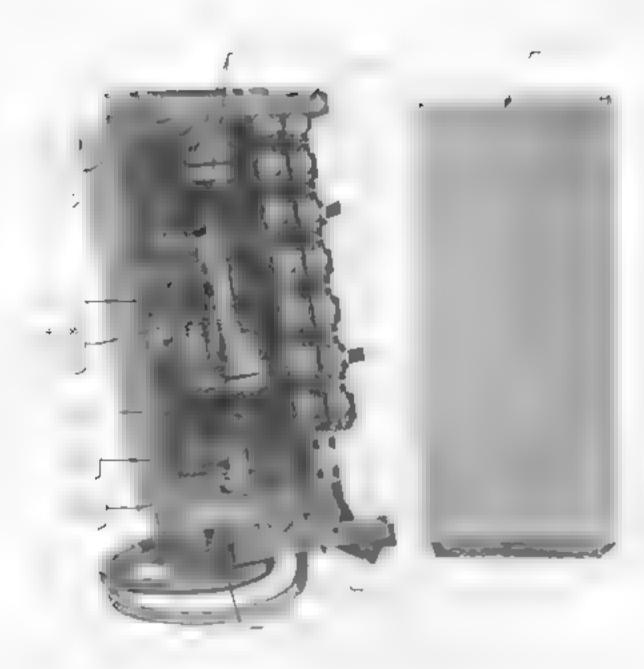


FIGURE 7 & ALL TAPER - AND CN PANEL AS INBLY - REAR VIEW

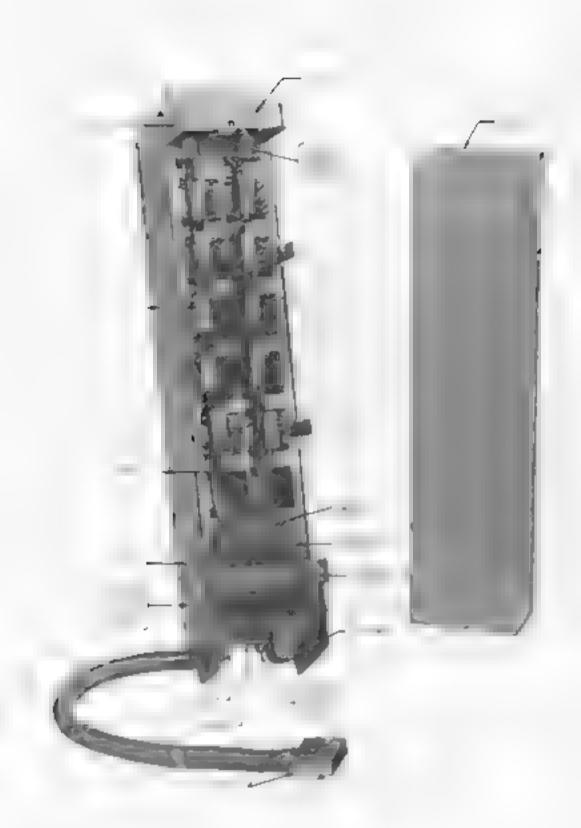


FIGURE 7-7. 145225 TRANSLATOR PANEL ASSEMBLY - FRONT VIEW

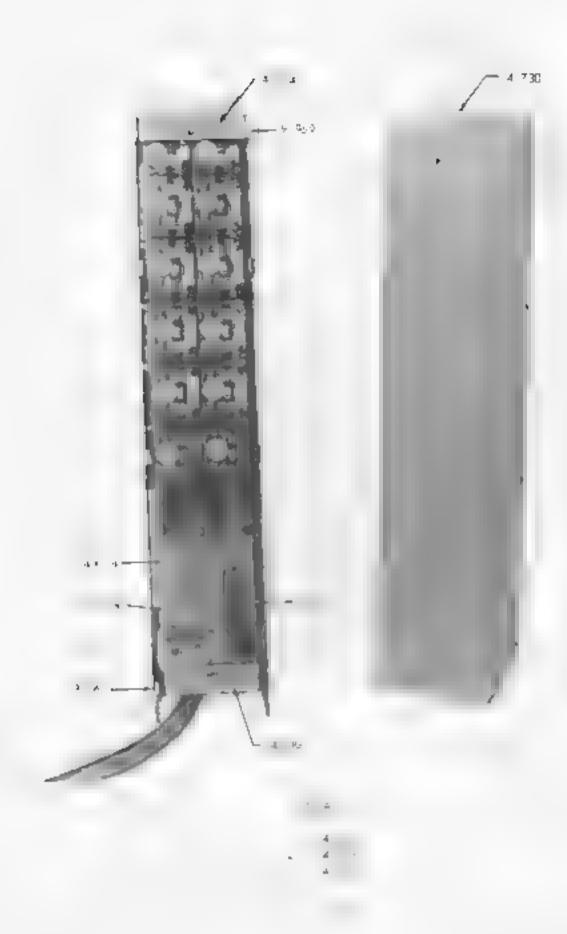
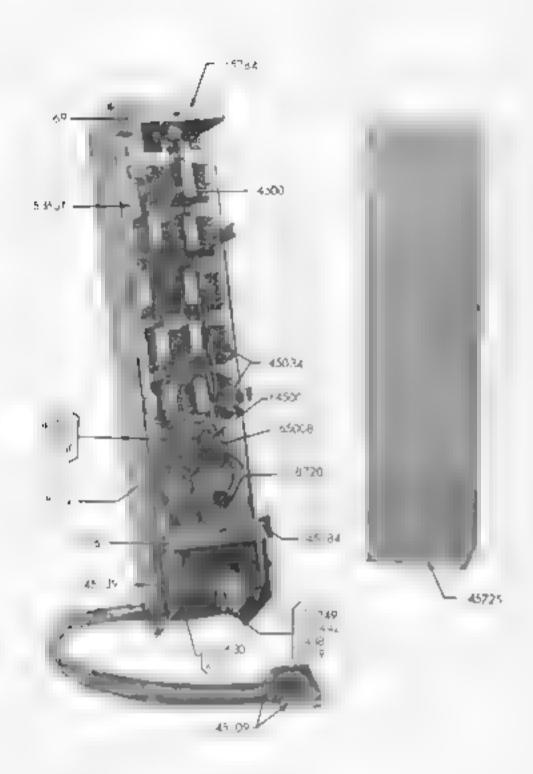
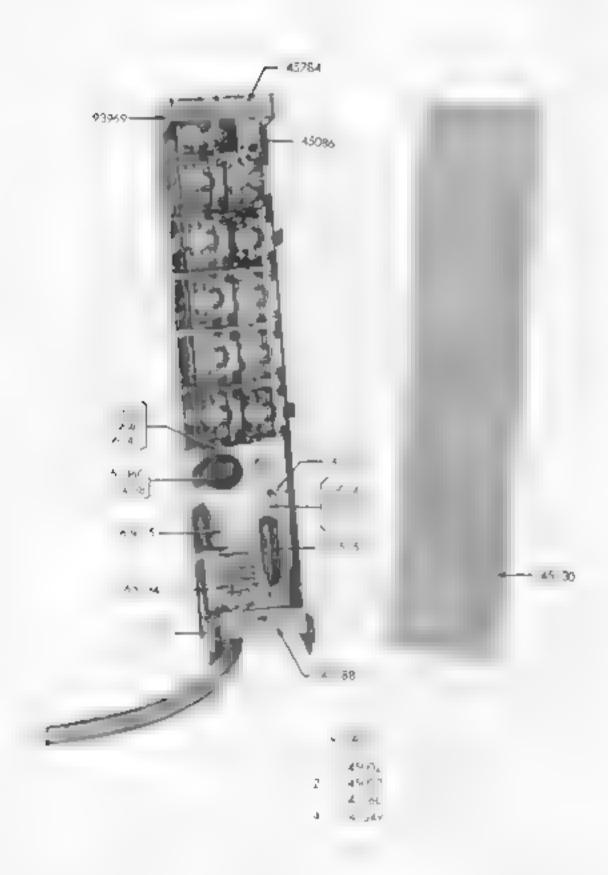


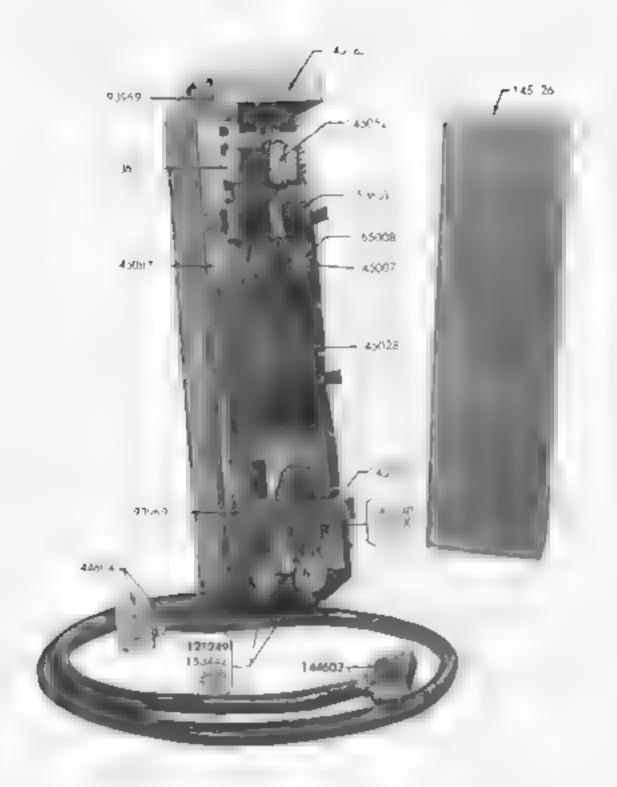
FIG JRE 7-8. 4522 TRANSLATOR PANEL ASSEMBLY - REAR VIEW



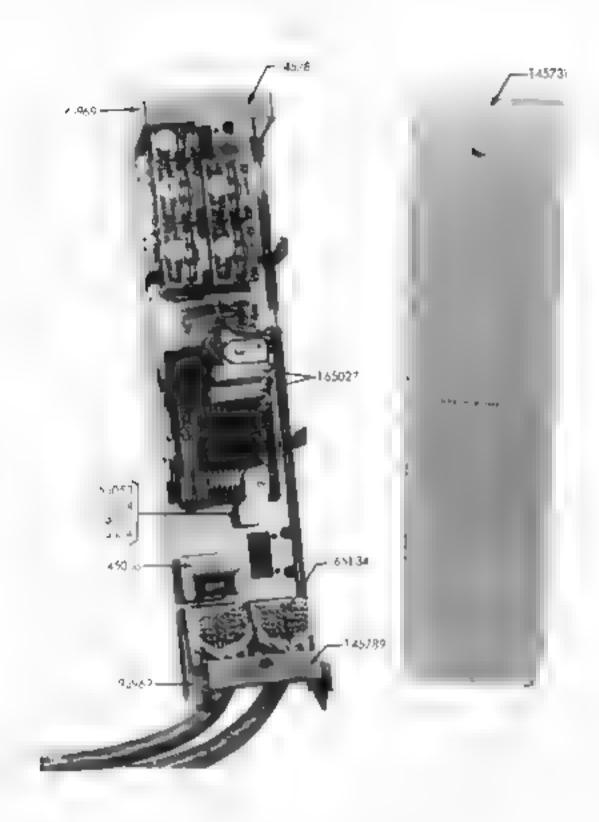
F GURE 7-9 145250 ALARM PANEL ASSEMBLY - FRONT VIEW



F GURE 7-10. 145250 ALARM PANEL ASSEMBLY - REAR VIEW



F GURE 7-11. 145 350 INTERCEPT PANEL ASSEMBLY - FRONT VIEW



RELAYS

- 4,5000
- 2 145003
- 45009

FIGURE 7-12 145350 INTERCEPT PANEL ASSEMBLY - REAR VIEW

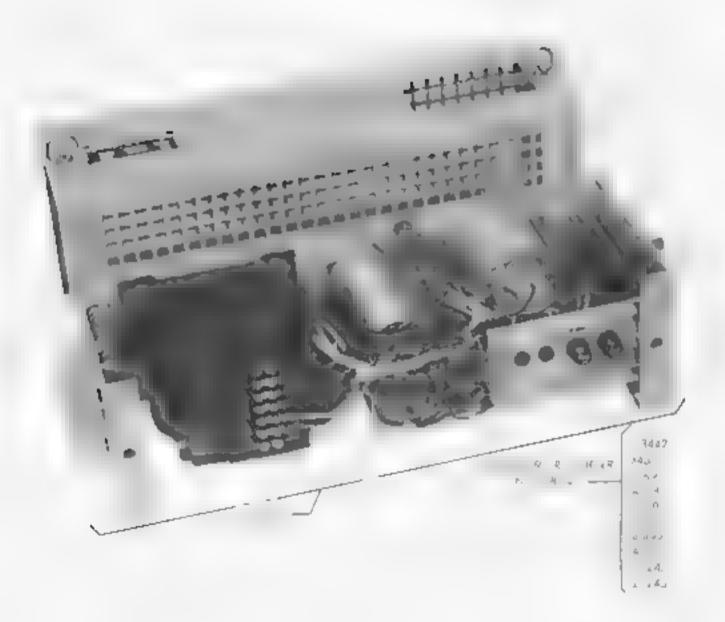


FIGURE 7-13 145204 POWER SUPPLY D.C.

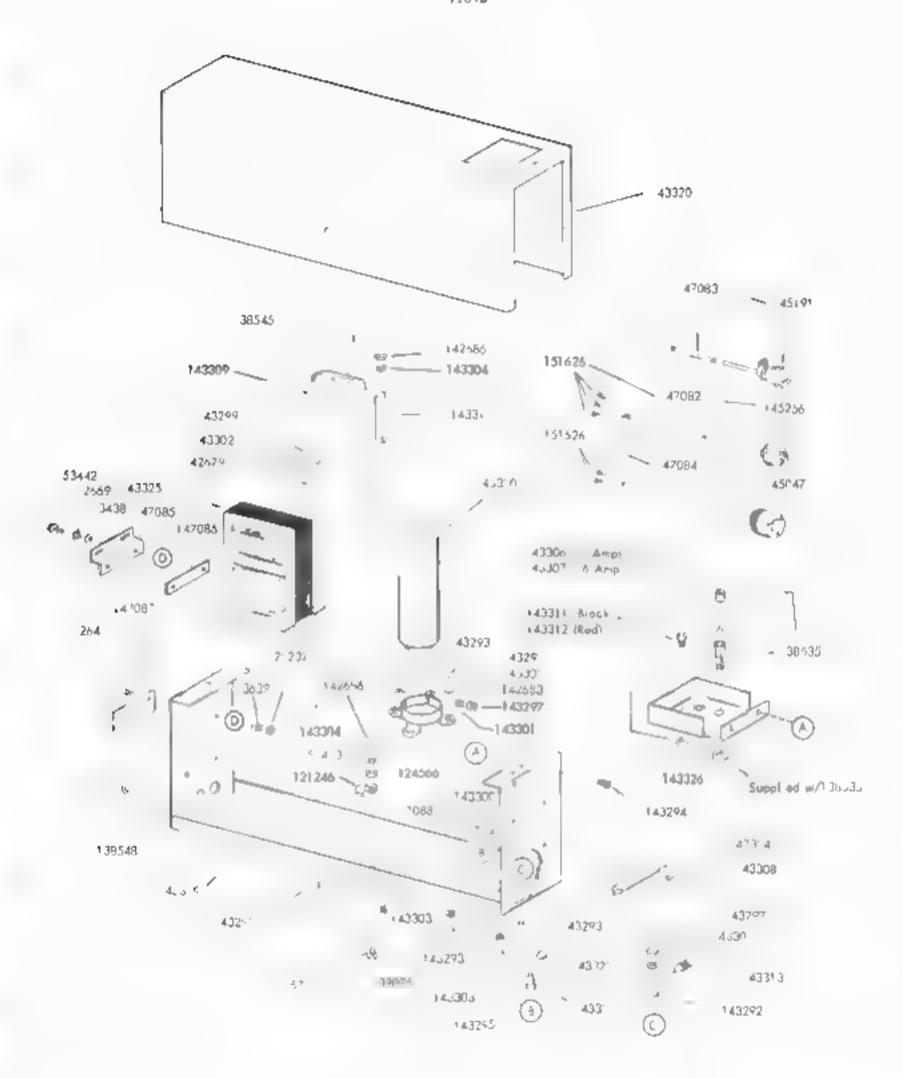


FIGURE 7-14 147081 RECTIFIER - 130V DC - 20V AC

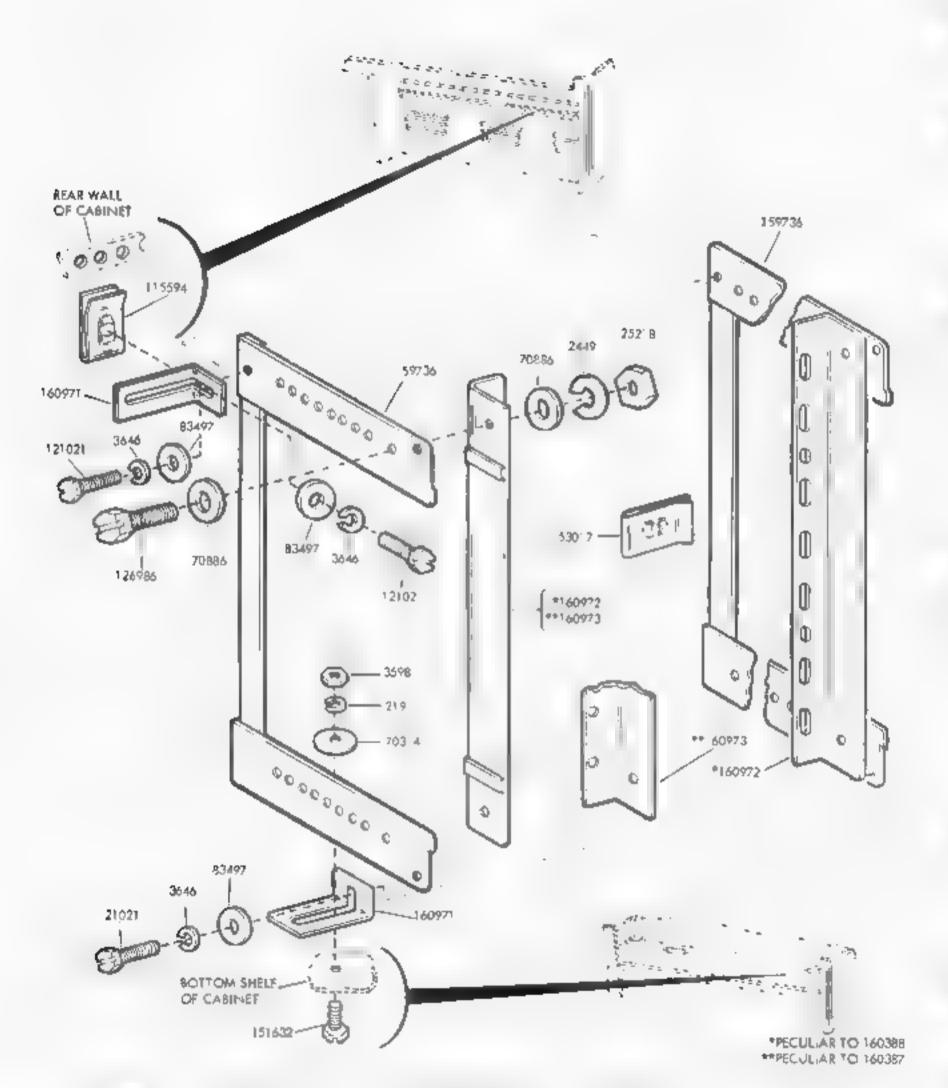


FIGURE 7-15. 160387 AND 160388 MODIFICATION KITS TO PROVIDE RELAY RACK BRACKETS

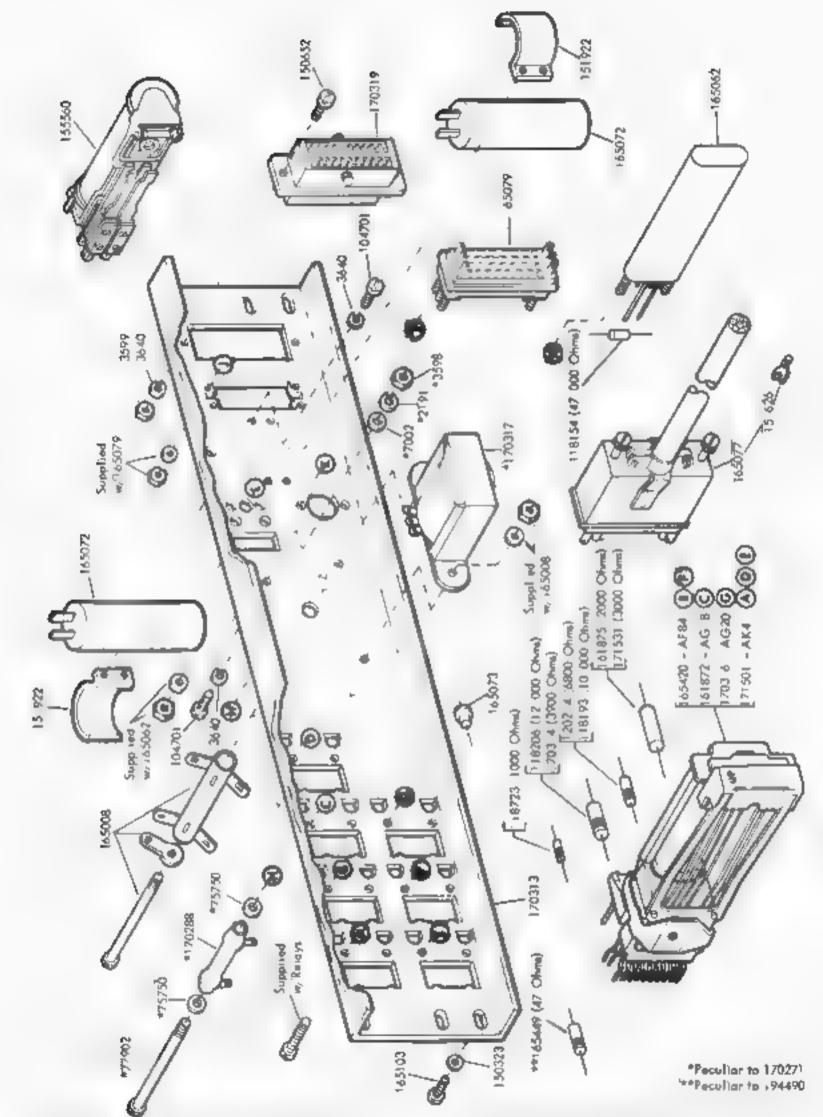


FIGURE 7-16. 170271 AND 194490 MODIFICATION KITS FOR TAPE PROGRAMMED RELAY CONTROL

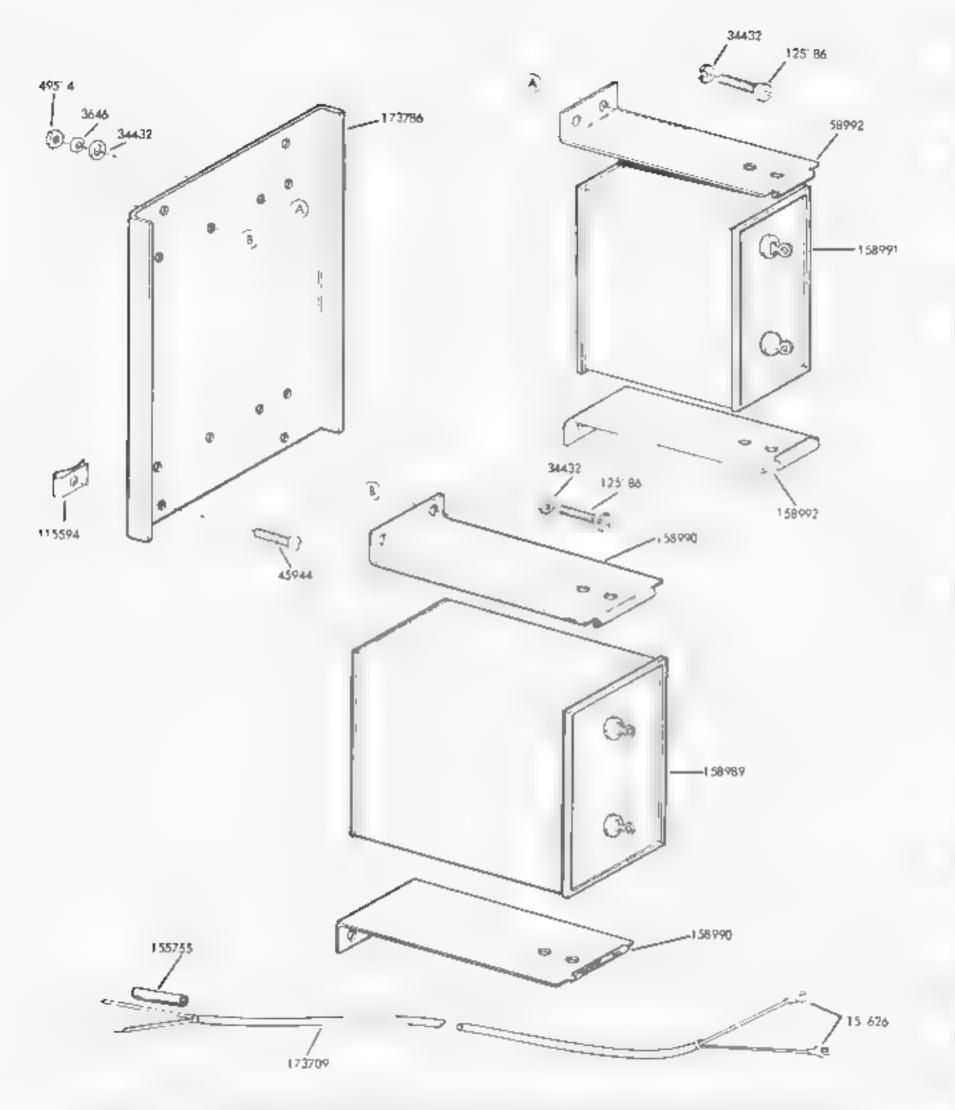


FIGURE 7-17. 173706 MODIFICATION KIT FOR POWER FACTOR CORRECTION IN CABINET (LAAC)

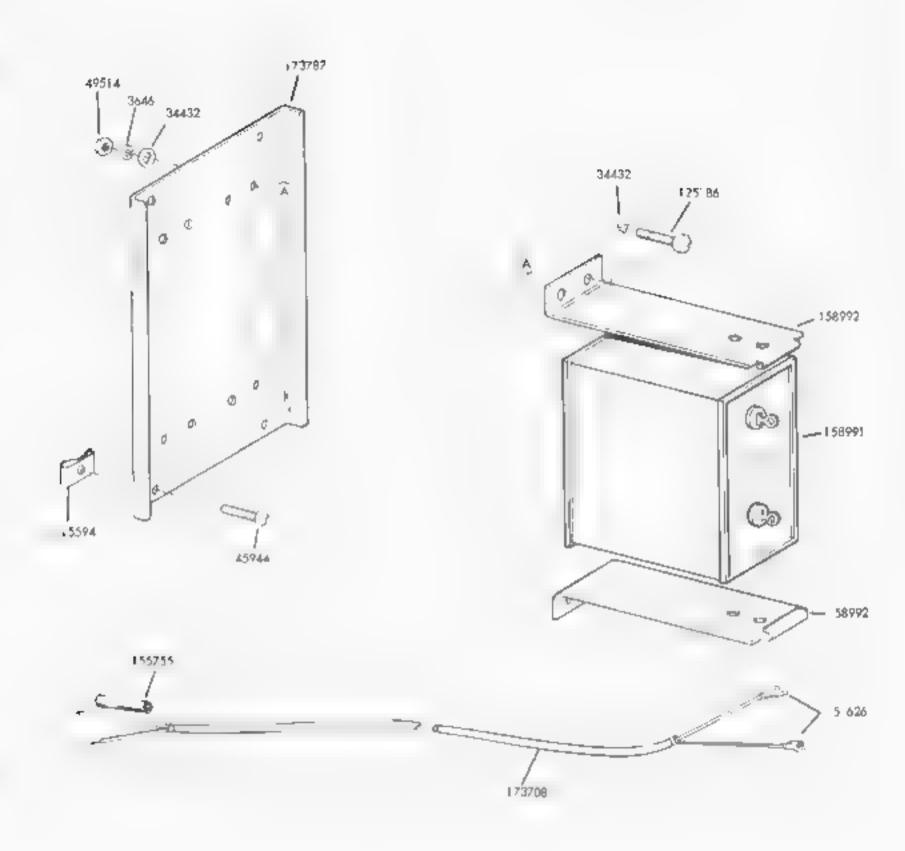
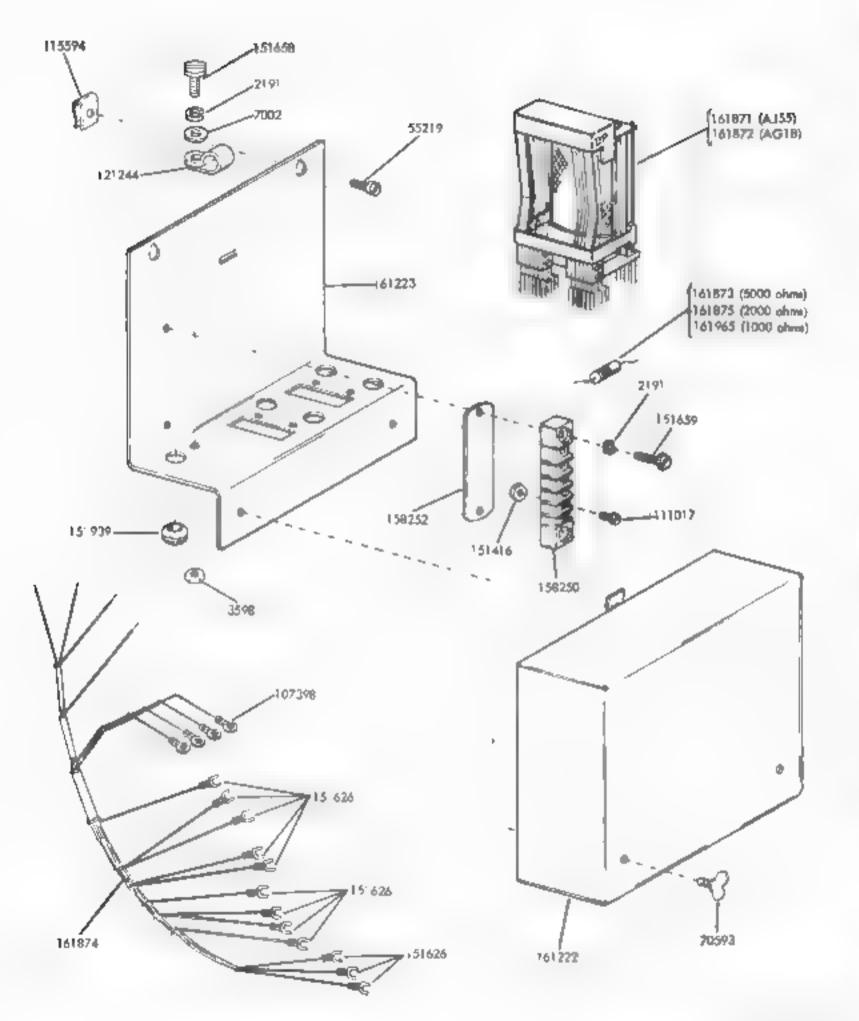


FIGURE 7-18. 173707 MODIFICATION KIT TO ADD POWER FACTOR CORRECTION
TO AUXILIARY REPERFORATOR IN CABINET (LAAC)



SPECIFICATION 5900S

FIGURE 7-19. 161302 MODIFICATION KIT TO ADD AUTOMATIC CHARACTER
FEED-OUT CIRCUIT TO AN ASR SET

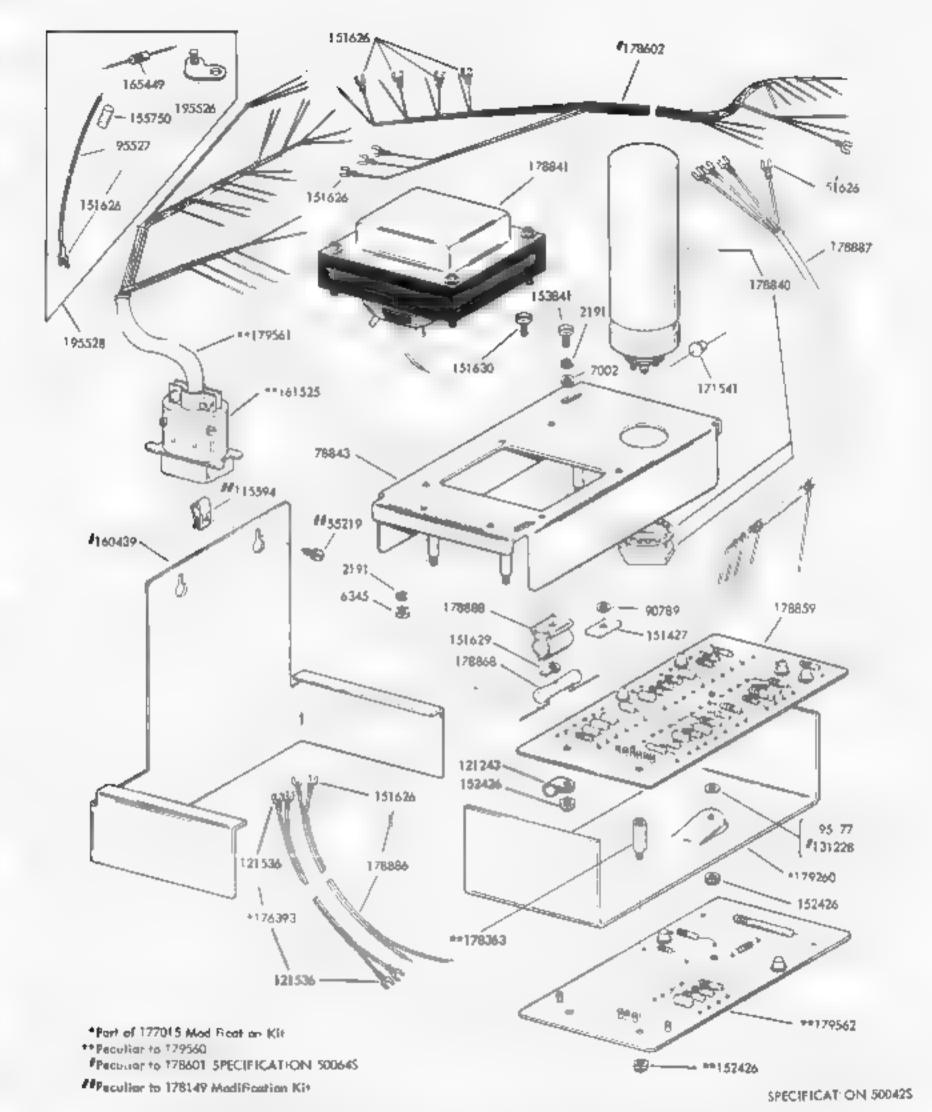


FIGURE 7-20. 177010 AND 178601 ELECTRONIC SELECTOR MAGNET DRIVE ASSEMBLIES 179560 ELECTRONIC SELECTOR MAGNET DRIVE ASSEMBLY AND OPEN LINE DETECTOR

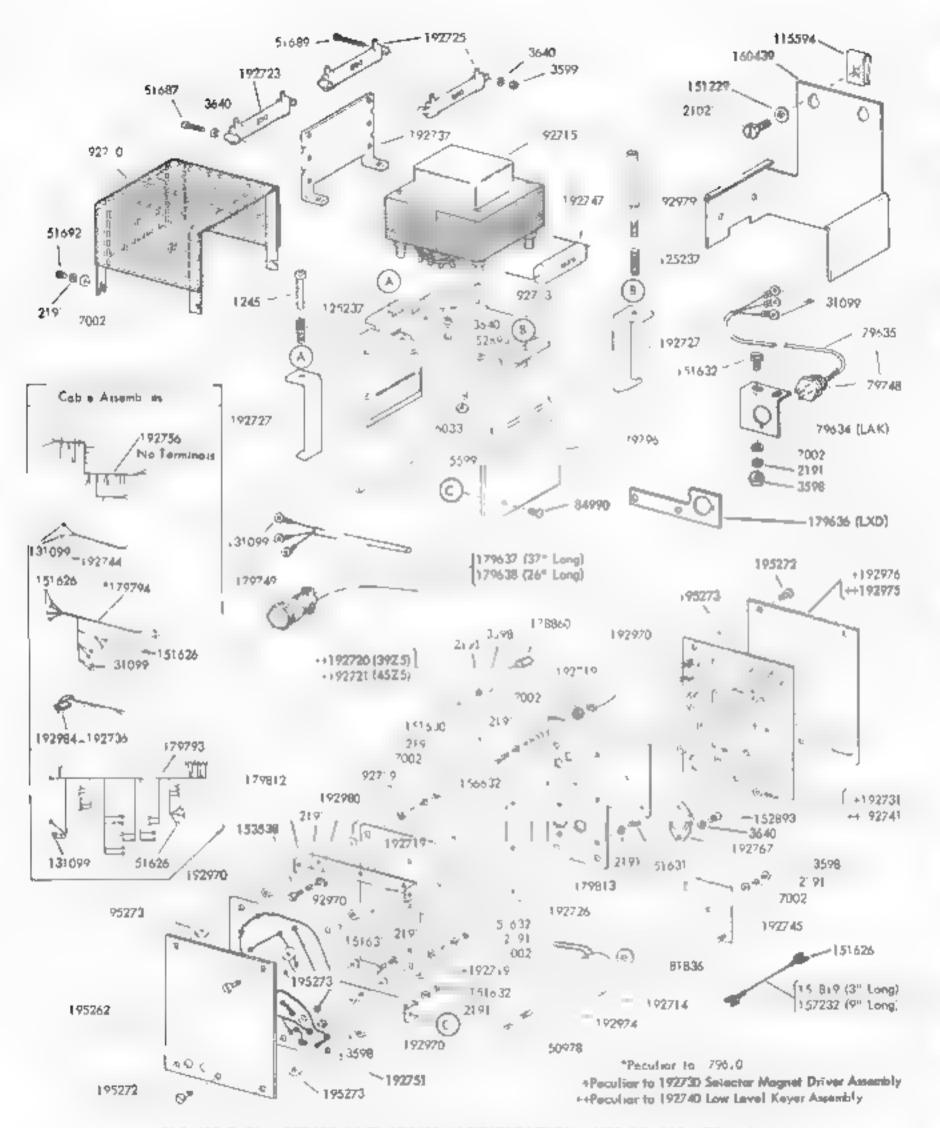


FIGURE 7-21. 179610 AND 179611 MODIFICATION KITS TO REDUCE RADIO FREQUENCY NOISE ON ASR SET

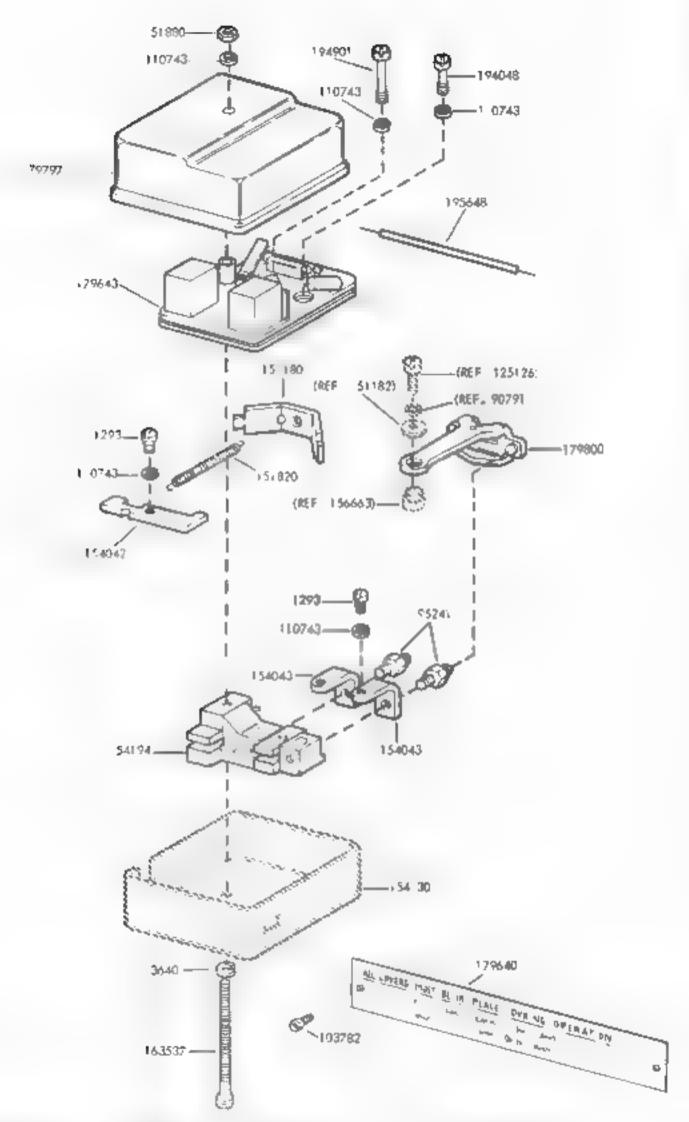
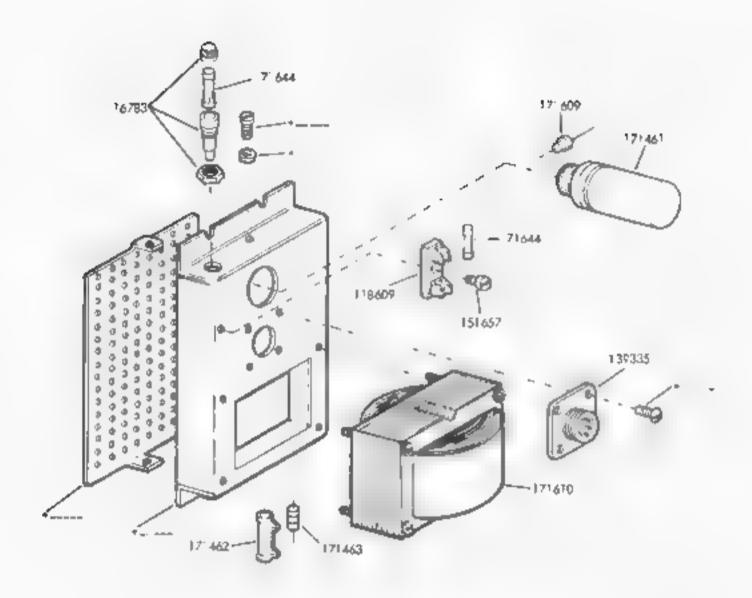
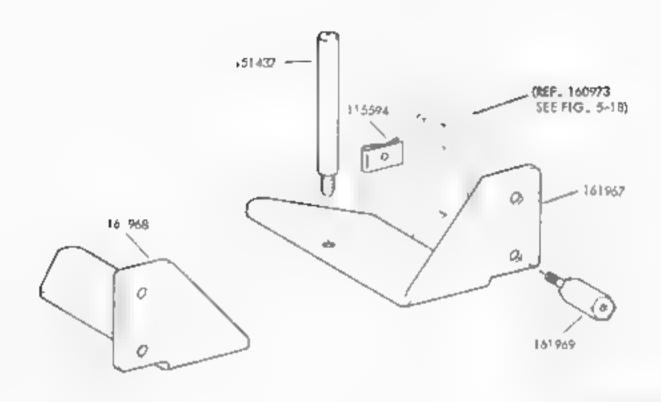


FIGURE 7-22. 179610 AND 179611 MODIFICATION KITS TO REDUCE RADIO FREQUENCY NOISE ON ASR SET (Continued)



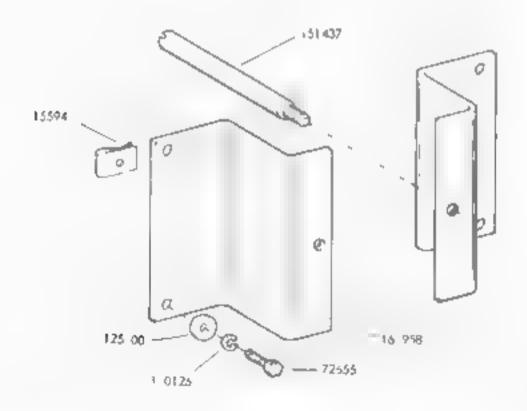
****** Replacement Fost Numbers Not Assigned

FIGURE 7-23. 170573 MODIFICATION KIT - 48 VOLT RECTIFIER ASSEMBLY



NEW STYLE

SPECIFICATION 59285



OLD STYLE

FIGURE 7-24. 161829 MODIFICATION KIT FOR MOUNTING AN ELECTRICAL SERVICE UNIT ON RELAY RACK BRACKETS

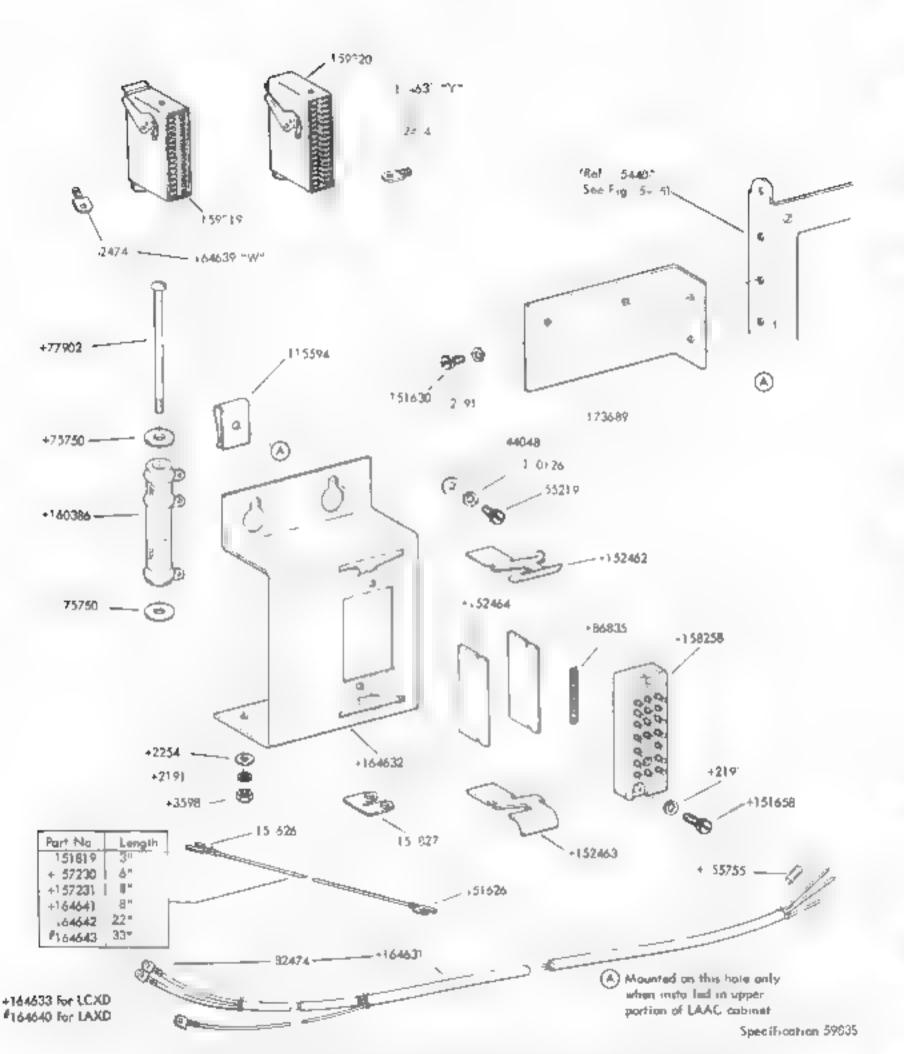


FIGURE 7-25. 164633 AND 164640 MODIFICATION KITS TO PERMIT LAXDS AND LCXDI
TRANSMITTER DISTRIBUTORS TO OPERATE WITH LESUIS AND LESUIS

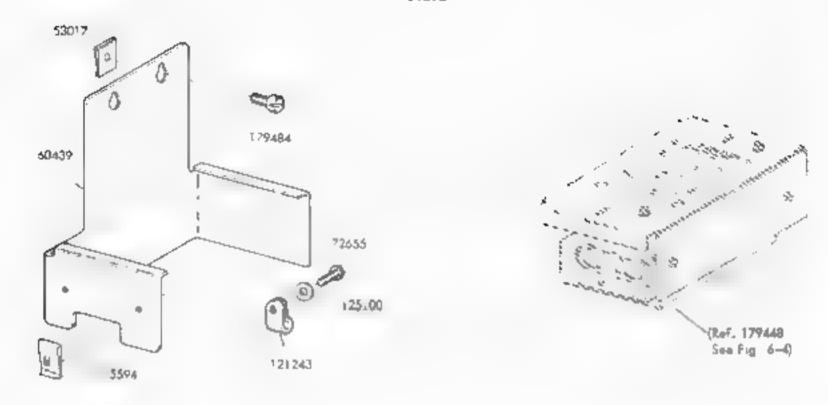


FIGURE 7-26. 179139 AUXILIARY REPERFORATOR LINE RELAY ASSEMBLY

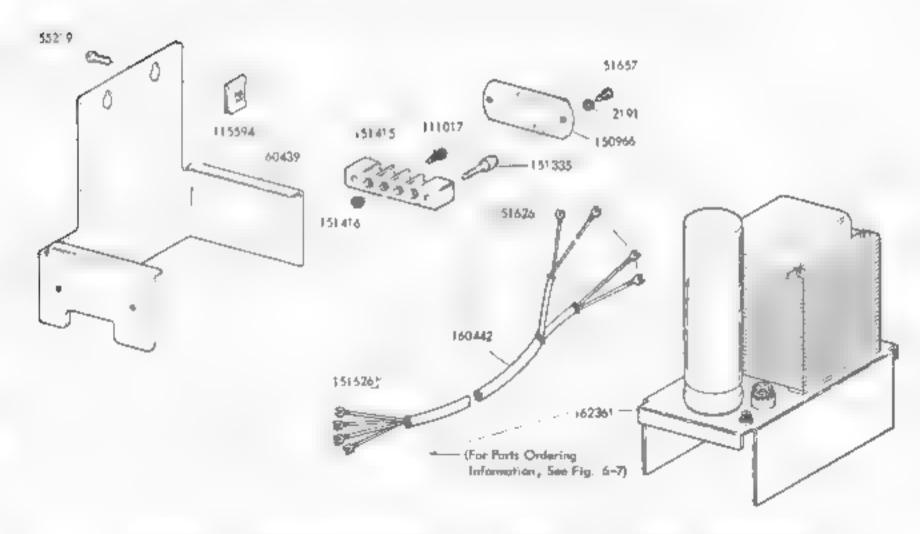


FIGURE 7-27. 160422 MODIFICATION KIT TO EQUIP LAAC CABINET WITH RECTIFIER

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Parl Number	Description and Page Number	Port Number	Description and Page Number	Port Number	Description and Page Number
1147	Screw 8-32 x 1/2 F1) 7-15	100959	Switch, Toggle 7–4	143364	Washer Lock 7-15
245	Screw 0-32 x F > 7-22	110.26	Wosher, Lock 7-25,7-26	143306	Fuse (1 Amp) 7-15
264	Screw 0-32 x /2 Flot) 7-15	1 0743	Woseer, Lock 7-2,7-23	143307	Fune (0.6 Amp) 7-15
293	Screw 4-40 x /8 F f) 7-23	+21017	Screw (6-40 x 5/16 Fil) 7-2,7-20,	143308	Screw (10-24 x 5/8 Fiot) 7-15
130	Screw 6-32 x 3/8 Rd) 7-3		7 27	143309	Copec for (2.75 Mfd) 7.15
2 9	Washer, Lock 7-2 to 7-6,7-8,7-10,	. 2626	Nut (HI- 32 Hex) 7-2	143310	Coped for 1250 Mfd) 7 5
	7. 12,7 6,7 7.7-20 to 7-22,7-26,	1:5594	Not, Speed (8-32) 7-16,7-18 to	143311	Connector (Black) 7-15
0054	7 27	11	7-20,7-22,7-25,7-26,7-27	143312	Connector (Red) 7-15
2254 2449	Washer, Flot 7-26	116/83	Holder, Fuen 7-2,7-24	143313	Resider (6000 Ohm) 7-15
2669	Washer, Lock 7- 6	7730	Resultor (10 Meg. Ohrs) 7-10	140014	Bracket, Mounting 7- 5
2007	Washer, Lock 7-2,7-4,7-6,7-8, 7-10,7-12,7-14,7-15	181.54	Resistor (47,000 Chm) 7-17	143315	Terrental, insulated 7-15
3354	Nut 8-32 Hex 7-7,7-13	8:93	Resistor (2.2 Meg. Ohm) 7-10 Resistor (10,000 Ohm) 7-17	143317	Bracket, Mounting 7= 5 Chass 7-15
3438	Washer, Flat 7-2.7-4,7-6,7-8,	118206	Resistor (12,000 Chm) 7-17	143320	Cover 7-15
2-12-4	7-10,7- 2,7 4,7 5	1 8511	Fuse (1/8 Amp) 7-2	143321	Diede (3200) 7-15
3598	Nut ,6-40 Hax > 7-2,7-5,7-16.	1 8509	Holder, Fuer 7-24	143325	Regulator 7-15
•	7-17,7-20,7 22,7 26	1 8720	Recipior (0.1 Mag. Ohm) 7-10	143326	Bracket 7-15
3599	Nut .4-40 Hex) 7-17,7-22	1 8723	Resistor (1,000 Ohm) 7-17	144512	Fute (I Amp) 7-2
3639	Washer Lock 7-15	1 8724	Resister (220 Ohm) 7-8	144518	Cubic Assembly 7-2
3640	Washer, Lock 7-11,7-17,7-18,	1 9223	Sergeo (4-40 x 1-15/32 Fil) 7-2	144603	Cobte Assembly (H) 7-12
	7-22,7-23	120214	Resistor (6,800 Ohm) 7-17	144604	Cable Assembly (Z) 7-12
3646	Washer, Lock 7-3,7-5,7-7,7-13,	12+02 i	Strove (8-32 x 1/2 Max) 7-16,	144605	Coble Assembly (E) 7-B
	7-16,7- 9		7-22	144613	Bell Assembly, Signe 7-2
	Nu+ ,8-32 Hex, 7-22	121243	Clamp, Coble (3/16" ID) 7-2,	144615	Coble Assembly (5, 7-2
3816	Wather, intuiciting 7-6		7-14,7-21,7-27	144629	Plote, Adopter 7-2
4 033	Wesher, Look 7-22	12.244	Clomp, Cobie (1/4" ID) 7-20	144979	Relay (Aul5) 7-7
200	Nut .6-32 Hex. 7-21	15,542	Clomp, Cable (5/16" ID) 7-14	145000	Ponel Assembly 7-2
7002	Washer, Flat 7-2,7-6,7-17,2-20	12 246	Clomp, Coble (3/8" (D) 7-2,7-15	145001	Cobie Assembly (V) 7-2
44400	to 7-22	2 247	Clamp, Coble (7/16" (D) 7-2,7-4,	145002	Rejoy (AF 291 7-5,7-9,7-11,7-13
34432	Wather, Flat 7-18,7-19	101046	7-6	145003	Relay (AFS4) 7-5,7-7,7-11,7-13
35551	Screw (10-32 x 3/8 Fran) 7-3	121248	Clomp, Cable (1/2" IU) 7-2	145004	Relay (AF81) 7-7
100	Screw (3-48 x 1/4 F1) 7-3 Washer, Flat 7-26	12 249	Clomp, Coble (5/8° 10) 7-2,7-4 7-6,7-8,7-10,7-12	145005 145006	Switch, Stepping (25 Pt) 7-6
45944	Screw (8-32 x 5/8 Rd) 7-16,7-19	121536	Terminal 7-21	145007	Switch, Stepping (10 Pt, 7-7 Diode (IN1692) 7-4,7-6,7-8,7-10.
49514	Nut (8-32 Hax) 7-18,7-19	124566	Clone 7-15	3007	7-12
55219	Screw (8-32 x 3/8 F i) 7-20,7-26,	125 00	Wosher Flor 7-25,7-27	(45008	Relay (APS07) 7-5,7-9,7-13
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61085	Weeher, Lock 7-2,7-3,7-5,7-8.	125170	Scrow (8-32 x 5/16 F(I) 7-3	445011	Coble Assembly (N) 7-2
	7-11	125 86	Some (8-32 x 3/4 fil) 7-10,7-19	1490.7	Recritier (48 Volt D.C.) 7-14
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70593	Screw, Thumb (6-40) 7-20	125231	Not (10-32 Hex): 7-15	145022	toley (AG22) 7-9
70686	Washer, Flat 7-16	125237	Spring 7-22	145025	Coble Assembly (R. 7-2
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75750	Worker (mulating 7-17,7-26	10.000	Resistor (10,000 Olun) 7-10	149030	Cable Assembly (u) 7-2
77902	Screw (6-40 x 2-3/8 Rd) 7-17	13 099	Terminal 7-22	14503	Plate, Designation 7-II
79 52	7-26 Lamp (48 va :) 7-3	131226	Worker, Insulating 7-21	145033	Resister ,500 Ohm; 7-4
8 836	Washer, Fial 7-22	138545	Hoteler, Fuer 7-15 Cop Insulator 7-15	145034	Resistor (3 3K Ohm) 7-10
82474	Terminal 7-26	13854B	Connector, Cord 7 15	145036	Capac for (J05) AAfd) 7- 0 Board Term hu 7-13
83497	Worher Fiel 7-16	139075	Screw (8-32 x 1/4 Fil) 7 5	145037	Plate, Adapter 7-2
84990	Screw (4-40 st 1 4 Flot) 7-22	142269	Fuse (3 Arep) 7-2	145047	Connector, Receptacie (3 Pt 7-15
86742	Nut .4-40 Hex. 7-11	142679	Wosher, Flor 7 15	145048	Resistor (510 Ohm) 7-6
86835	Spring 7 26	142683	Washer Flat 7 15	145049	Resistor (200 Ohm: 7-6
90789	Wosher, Frat 7-21	142686	Net (8-32 Hex): 7-15	145050	Popul Assembly 7-4,7-5
92309	Resistor (400 Ohm) 7-6	14329F	Screw (1/4-20 x 5/8 Hex) 7-15	145051	Resistor (300 Ohm) 7-6
92748	Scriw (6-40 x 1-7/16 FH) 7-6	143292	Clump, Tuber 7-15	145052	Capac for (1 Mfd) 7-12
93959	Key 7 3	143293	Screw (6-32 x 1/2 Fil) 7-15		Cable Assembly (K 7-14
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98726	5crew (3-48 x 1 4 Fi 7 2	143297	Net (6-32 Hex) 7-15	145086	Cobin Assembly (A.C.) 7- 4
988 9	Knob 7 3	143299	Nor (1/4-20 Hex) 7-15	145070	Shield 7-3
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10470	Screw (4-40 x 9/32 Fil) 7-17	14330F	Wosher, Lock 7-15	145384	Plate Assembly 7-9
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	145090	Strop 7-2	150652	Screw (4-40 g 37/64 Fil) 7-17	159819	Connector P ug 32 Pr) 7-26
	145091	Piate, Fuse 7-2	150966	Intulator 7-2,7-27	159820	Connector Receptable 32 Pt 7-26
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	145093	Relay (Au54): 7-5	151180	Link, Toggle 7-23	160387	Med Floation Kit 7 16
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	145098	Cobie Assembly (Y) 7-2	151415	Block, Terminal 7-2,7-27	160442	Cable Assembly 7-27
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•	145 06	Cobin Assembly (FA) 7-4	151577	Coble Assembly 7-2	161223	Stacios*, Recay 7-20
	145 07	Cobia Assembly P) 7-4	151626	Terminal 7-15,7-17 to 7-22,7-26	161238	Connector, Receptodie (36 Pr. 7-2,
	145 08	Cobia Assembly (Q) 7-4		7-27		7 3
	145109	Cable Assembly (G) 7-10	151629	Not (6-40 lug) 7-21	161302	Mad'f cation Kit 7-20
	145175	Piale, Adopter 7-14	157630	Screw (6-40 x 1/4 Hex) 7-2,7-4,	161525	Connector, Plug (14 Pt), 7-21
	145 81	Piote 2 Nut ±10+32) 7+34		7-6,7-8,7 10,7-+2,7-21,7-22,7-26	161829	Modification Kit 7-25
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SECTION 8

KEYBOARD WITH PERFORATOR COVER (LBPC)

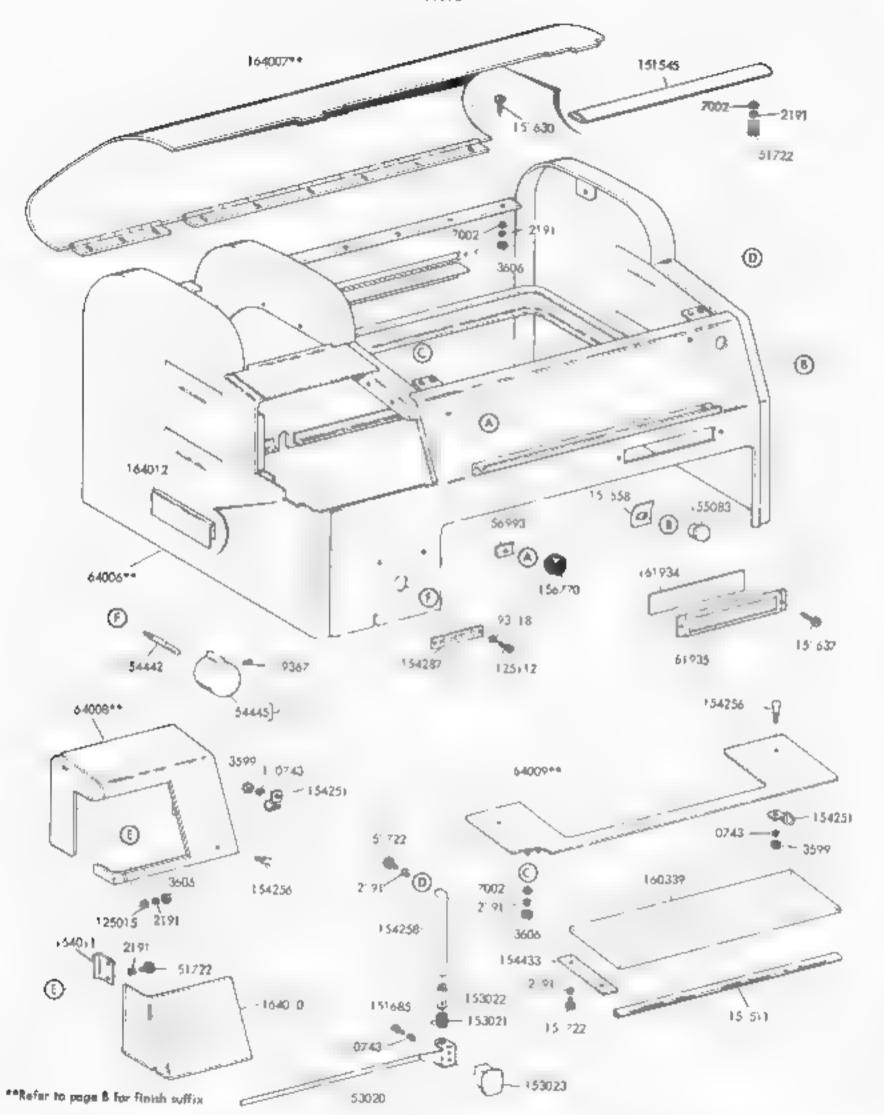


FIGURE 8-1. SKINTIGHT COVER FOR KEYBOARD WITH PERFORATOR (LBPC200**)

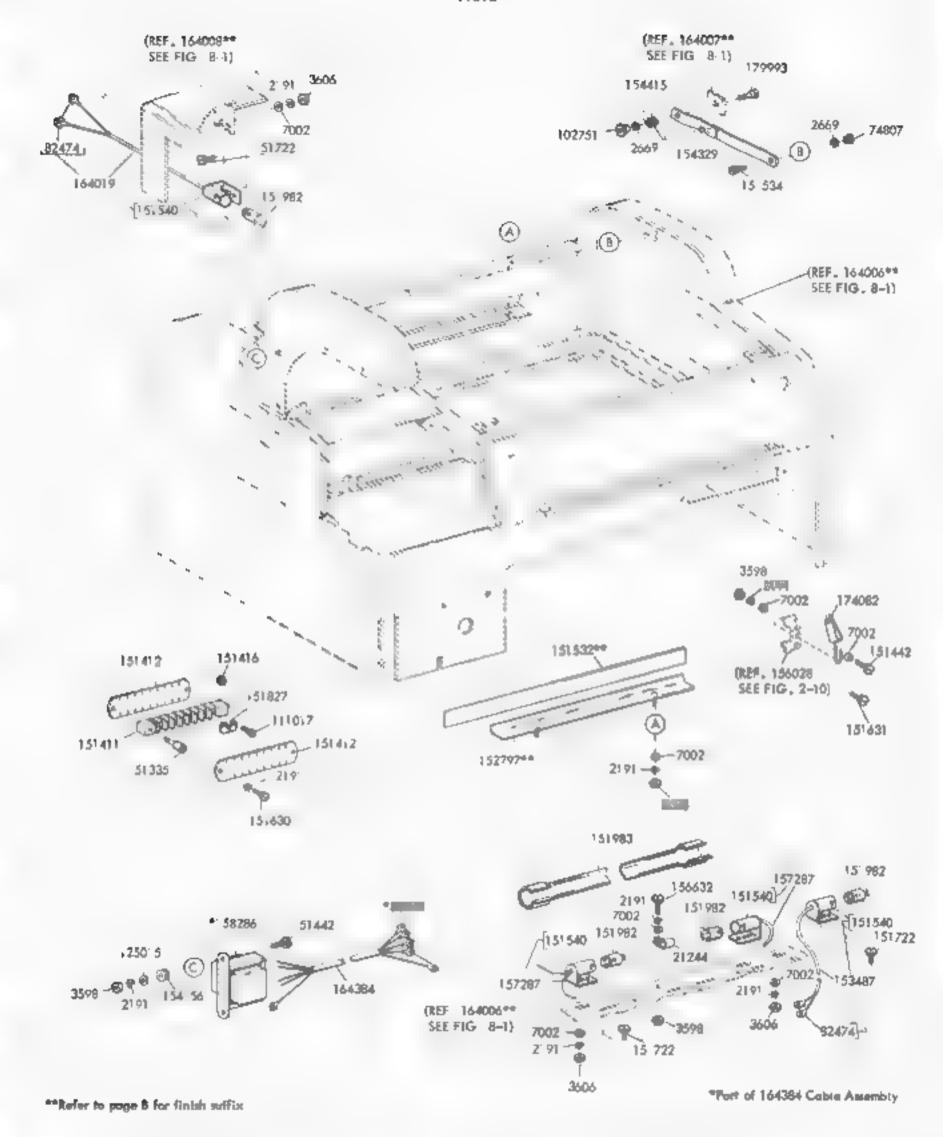


FIGURE 8-2. ELECTRICAL COMPONENTS AND CABINET ACCESSORIES (LBPC200**)

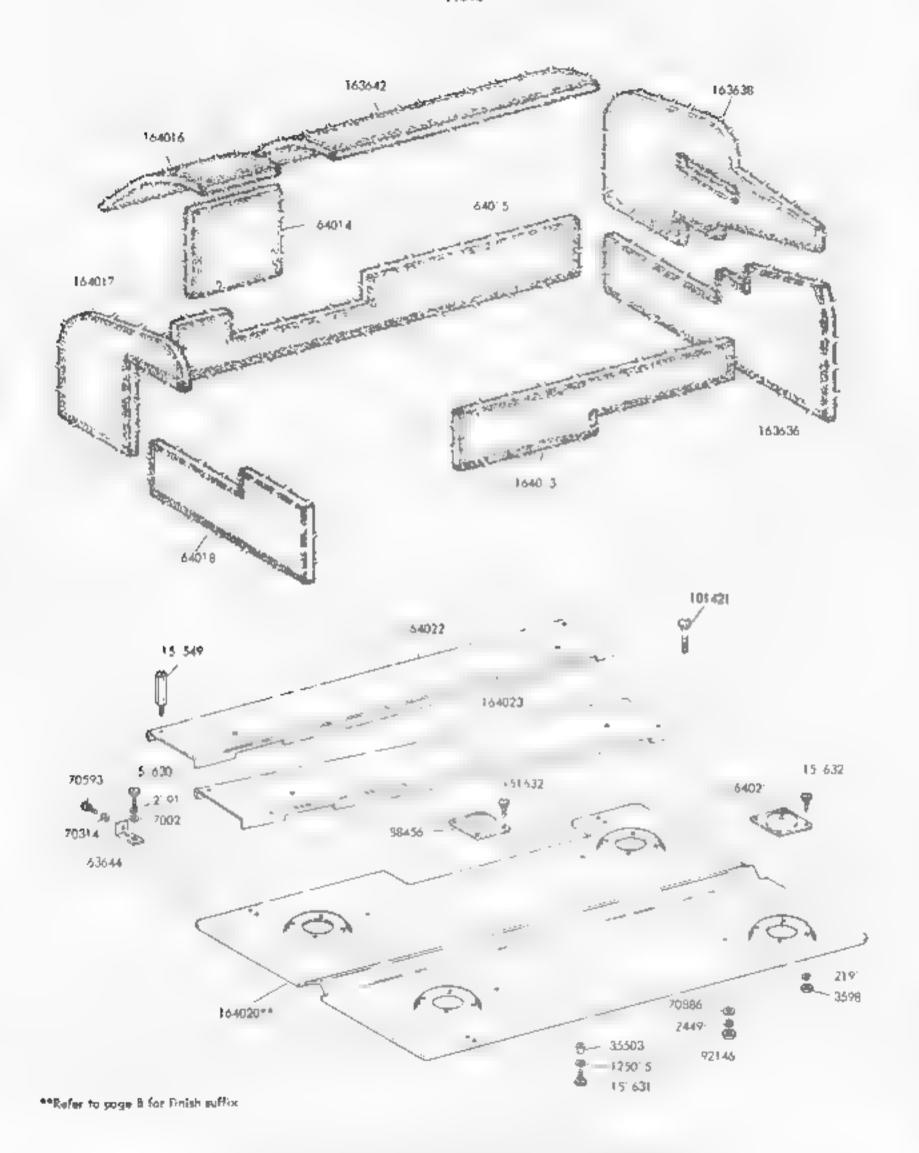


FIGURE 8-3. FELT PADS AND BASE PLATE (LBPC200**)

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	3598	Nut .6-40 Hex) 8-3,8-4	51.558	Nut, Speed B-2	158286	Transformer (117 Volt) 8-3
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